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May 25 1872 of 68
THE

DRUGGIST'S MANUAL.

BEING

A PRICE CURRENT

OF

DRUGS, MEDICINES, PAINTS, DYE-STUFFS, GLASS,
PATENT MEDICINES, &c.

WITH

LATIN AND ENGLISH SYNONYMS,

A GERMAN, FRENCH, AND SPANISH

CATALOGUE OF DRUGS,

TABLES OF SPECIFIC GRAVITIES, &c. &c.

AND A VARIETY OF USEFUL MATTER.

COMPILED BY DIRECTION OF THE

PHILADELPHIA COLLEGE

OF

PHARMACY.



PHILADELPHIA :

PRINTED FOR THE COLLEGE, BY SOLOMON W. CONRAD.

1826.

ANNEX
Map, Chart

QV
P546d
1826

Film No. 5575, no. 6

EASTERN DISTRICT OF PENNSYLVANIA, to wit:

L. S.

BE IT REMEMBERED, That on the twentieth day of January, in the fiftieth year of the independence of the United States of America, A. D. 1826, The Philadelphia College of Pharmacy, of the said district, have deposited in this office the title of a book, the right whereof they claim as proprietors in the words following, to wit:

"The Druggist's Manual. Being a Price Current of Drugs, Medicines, Paints, Dye-stuffs, Glass, Patent Medicines, &c. with Latin and English synonyms, a German, French, and Spanish catalogue of Drugs, tables of specific gravities, &c. &c. and a variety of useful matter. Compiled by Direction of the Philadelphia College of Pharmacy."

In conformity to the Act of the Congress of the United States, entitled "An Act for the encouragement of Learning, by securing the copies of Maps, Charts, and Books, to the Authors and Proprietors of such copies, during the times therein mentioned"—And also to the Act, entitled, "An Act supplementary to an Act, entitled, "An Act for the encouragement of Learning, by securing the copies of Maps, Charts, and Books, to the Authors and Proprietors of such copies during the times therein mentioned," and extending the benefits thereof to the arts of designing, engraving, and etching historical and other prints."

D. CALDWELL,
Clerk of the Eastern District of Pennsylvania.

PREFACE.

A correct and complete Catalogue and Price Book of the very numerous and various articles sold by the Druggists, has long been a desideratum. Those hitherto in use, have been very deficient in many respects; and, owing to the improvements of modern Pharmacy, have become nearly useless. To put the master and the apprentice in possession of a manual as complete as the first attempt could be reasonably expected to be, was one of the first objects aimed at by the college. This Manual is now offered to the Druggists: and although there are probably deficiencies and errors in it, yet the difficulty of any one or two persons making a complete list, not only of drugs, but of the various miscellaneous articles usually sold in the druggists' shops, will be best known to those who have made the attempt.

In compiling the work, it was thought adviseable to make out the first and principal list of names, for the price current, in latin, and according to the modern scientific nomenclature. There may be some inconveniences attending this arrangement, but its advantages are, upon the whole, very decided. It familiarises the druggist to names, daily coming into greater use; it compels the apprentice to make himself acquainted with the first elements of chemistry, and with the almost universal language of prescriptions. Following the catalogue of drugs are, those of patent medicines, paints, dye-stuffs, glass ware, surgeon's instruments, and miscellaneous articles. A catalogue of English, and one of the old Latin names and synonyms, numbered to correspond with the numbers affixed to the price current, and forming an easy index of reference and translation, then follow. After these come catalogues of drugs in the French, Spanish and German languages. Although these last are far from being complete, and are, from the nature of the work, mere abridgements; it is believed they are correct, as far as they go, and that they will be found highly useful to the Trade. Any corrections or criticisms on this, or any other part of the compilation, will be thankfully received by the compilers, and will form an appropriate subject of communication to the College.

In selecting the various tables which conclude the work, the compilers have been guided by a desire to make scientific accuracy the habit and characteristic of the Trade. That all the various kinds of solutions, acids, ethers and alcohol should be sold at prices proportionate to their specific gravity, and used of an uniform and ascertained strength;—that the druggist should be familiar with the relation between the troy weights, by which medicines are compounded, and the avoirdupois weight by which they are sold;—that the various tests of impurities in medicines should be of ready access and constant reference;—that the doses and the virtues of the medicines which he sells should be known to him,—are positions which none will dispute.

The table of chemical equivalents is of more extensive use than any other hitherto framed for ascertaining the composition of bodies. The number opposite each name, is that in which it always combines. For instance, the number of Potassa is 48, and the number affixed to each acid is the number of parts, which 48 parts of potassa, saturate, and which is saturated by the number of parts affixed to each of the other earths and oxides. A little practice will render the table familiar, and the student who commits it to memory is in possession of the master-key of chemistry.

Any suggestions that will tend to improve and render more useful a future edition of the manual, will be received with pleasure by the College.

THE
CHARTER,
REGULATIONS, AND BY-LAWS,
OF THE
PHILADELPHIA COLLEGE OF PHARMACY.

INTRODUCTION.

THAT the sale and dispensation of drugs and medicines, are liable to abuses from ignorance or design; that serious dangers threaten society from this cause; and that countervailing measures are, consequently, requisite, are positions so obvious and generally conceded, as to require, for their establishment, neither elaborate argument, nor detailed exposition.

From an early period to the present time, they have been recognised and acted on, in almost every country in which the principles of a civilized polity have been acknowledged. The illustrious caliphats of Bagdad, Alexandria and Cordova, in the brilliant era of Saracenic literature, were the first to frame by governmental enactments, a system of regulation for apothecaries, combining the requisites of instruction, examination, periodical visitations and inspection of shops, punishment for malpractices, and officinal formula.

With their science, arts and letters, the Arabians transmitted to the Europeans some of their institutions. Of these not the least important was their regulation of Pharmacy, and their supervision of the preparation and sale of medicines. The school of Palermo, in the kingdom of Naples, was the first in which medicine was cultivated in Europe. The extent of its science consisted in the translation of the medical works of the Arabians, and the inculcation of their doctrines and precepts. Pharmacy was particularly attended to in this school, and, at the instigation of its professors, the Arabian system for its regulation, and that of Apothecaries was adopted by the government. The first law on this subject was the edict granted by Roger, king of Naples in 1140, which was extended and enlarged by his grandson the Emperor Frederick II.

The example of Naples was soon imitated; and from this epoch, legal regulations have constantly existed in Europe, for the government of Apothecaries and supervision of their business.

The attention this subject has received and importance attached to it, is exemplified in the numerous legislative decrees it has called forth. In France, statutes and regulations were granted to the Apothecaries by Charles VIII. in 1484. They received others from Louis XII. in 1514; from Francis I. 1516, 1520; from Charles IX. 1571; from Henry III. 1583, and from Henry IV. 1594. Louis XIII. renewed them in 1611, 1624, and 1638. Louis XIV. in 1682, added new provisions to the police of Pharmacy, rendered necessary by the increase of the atrocious practice of poisoning, which threatened to become a stain on the national character. In consequence of a quarrel between the physicians and apothecaries, growing out of petty professional jealousies, the physicians procured by their influence, that the apothecaries should be reunited with the grocers as a corporate body. They subsequently obtained a similar union of the surgeons with the barbers. It was not until as late as 1777, that this legal but unnatural association was dissolved, when Louis XVI. formed the apothecaries of Paris into the College of Pharmacy, for the reception and instruction of pupils. It is remarkable, that this was the only scientific institution, that survived the storm of the revolution. While so many others were overwhelmed in its wide spread desolation, the College of Pharmacy was permitted to exercise its useful offices without disturbance.

The last legislation on this subject, in France, was the law, 21st Germinal, year XI—March, 1802. By this law, the College was suppressed; three schools of Pharmacy were established, one at Paris, another at Montpellier, and the third at Strasburgh; and a general organization of the profession throughout France was effected.

In Germany, Holland, and England, nearly equal attention was bestowed on the legal regulation of apothecaries, and the preparation and sale of medicines. This legislation was, however, too frequently marked by arbitrary and vexatious dispositions, and sometimes perverted by the influence of degrading interests.

The governments of Europe, possessing legislative power in its greatest plenitude, unfettered by any restrictive reservations, exercise it, when deemed expedient, on the extensive, complicated, and ramifying interests of society. It is made to enter the domicile of the citizen, and it attempts to substitute, for the force of the moral law, its own feebler sanctions and penalties.

In the United States, the powers of government are differently modified, are possessed in a more limited degree. Its most important objects are the protection of life, person and property—the true ends of a good government. The pursuits and occupations of individuals, the minor interests affecting the interior economy of society are, with few exceptions, abstracted from its interposition. They are reserved by the people to themselves, to be regulated by the influences of good sense, intelligence, and moral obligations. Although these may fail to accomplish every benefit that might be desired, yet the imperfections of this system, taken in the aggregate, are less disadvantageous than the errors and abuses, that experience demonstrates, arise out of the too extensive legislation of government—are less vexatious and oppressive

than the hand of government, daily seen and felt, thrust into the common concerns of life.

The genius of our political institutions, precluding the introduction of the European system, for the regulation of our pharmacy, its abuses and consequent evils were supposed irremediable, in our scheme of polity, as, it was presumed, a reform could only be effected by the agency of government. This supposition was not founded on sound observation, or a correct appreciation of the conservatory principles of society. Every well-informed and well-constituted community, is perfectly adequate to protect itself, without the assistance of government, against evils, or dangers arising out of its own economy. No other power can perform this duty in a manner equally effectual and yet safe—for it will never eradicate one evil, by the substitution of another. In an intelligent community, all that is necessary to correct and guard against abuses, and to terminate evils, is to produce a conviction of their existence. The proper remedy will soon be applied.

Our own example is an illustration of the principle. No sooner was it perceived, that the pharmacy of our city was defective, irregular, and open to great abuses, than numbers began to cast about for the means of reform. In a short time a very effectual system was devised, and is in operation. The apothecaries themselves, who, from the tone of the European statutes, it might have been supposed, felt some particular interest in maintaining irregularities in their business, and would have proved hostile to its amelioration, were the first to be sensible of its imperfect condition; who commenced and have continued to labour for the accomplishment of its reform.

Some of the most respectable of the profession were, for a considerable period, occupied on this subject, and, at one time, had adopted some initiatory measures, but which failed from circumstances not material to be mentioned. In the year 1821, at the suggestion of the present Professor of *Materia Medica* in the University, and a number of the members of the profession, this subject was brought under the consideration of the trustees of the University of Pennsylvania. The plan they adopted, consisted of a degree of Master of Pharmacy to be conferred on those apothecaries, who should be deemed the most competent to this business, and the establishment of a course of lectures on Pharmacy. This plan, it was generally thought, was too narrow; did not embrace, in its provisions, some of the most serious deficiencies, and was incapable of remedying many of the most pressing and extensive of the abuses that prevailed. In consequence of this impression of the measures of the University, a very general meeting of the apothecaries and druggists convened on the 23d of February, 1821. At this meeting it was proposed, as the most effectual means of arriving at the great object to be accomplished, that the whole profession should form themselves into a society, for the two-fold purpose of providing a system of instruction in Pharmacy, and of subjecting themselves to regulations in their business. This proposition was adopted, and a committee was appointed to draught a corresponding project. The committee, at a subsequent meeting, reported the plan of the present College of Pharmacy, which was unanimously agreed upon. By this plan, the mem-

bers associate to effectuate the following important objects. 1st. To improve and advance the practice and principles of Pharmacy by essays, discussions or other means, in the stated meetings of the College. 2d. To prevent frauds, adulteration, and sophistication of medicines, by the impeachment, trial and punishment of those, who offend in this manner. 3d. To improve the state of the market, and prevent the introduction of inferior articles, by instituting an inspection, whenever required, of any articles arriving and offered for sale. 4th. To provide instruction in Pharmacy, by the establishment of a school, in which the necessary lectures should be delivered, a library, and cabinet of specimens.

The College on the adoption of this plan, immediately became organized by the election of officers and a board of trustees, who, in the same autumn, established the school of Pharmacy, and appointed lecturers in time to commence the courses of the ensuing winter. Four courses of lectures have been delivered, in the successive winters, to respectable classes of pupils; the meetings of the College have been regularly held; several judicious and salutary measures of improvement have been adopted, and others are under consideration; a well selected library has been procured, and a cabinet of choice specimens is nearly completed. The College have it in contemplation to publish an occasional journal, containing improvements of formula, new discoveries and other interesting pharmaceutic information.

At this time the College includes nearly the whole of the druggists and apothecaries of the city and liberties, who have thus voluntarily placed themselves under a system of regulation, and subjected themselves to punishment, on a conviction of improper conduct in their business. A spirit of improvement and desire of information have been widely diffused throughout the profession; greater attention is paid to the selection of medicines of good qualities; to elegance in the officinal preparations; to care and neatness in the compounding of prescriptions. In a word, a manifest advancement is clearly to be discerned in the whole business of the apothecary; the Pharmacy of this city has been elevated in its character, and the institution of the Philadelphia College of Pharmacy, promises to attain all the important beneficial and interesting objects, that are derived from European legislation, freed from the objectionable provisions of its arbitrary enactments.

AN ACT
TO INCORPORATE THE
PHILADELPHIA COLLEGE OF PHARMACY.

WHEREAS; to dispense and prepare drugs and medicines for the use of the sick, requires knowledge and skill of a peculiar kind, an ignorance of which opens the door to numerous abuses and evils, and is pregnant with serious consequences to health and life; and it being the duty of every good government to protect, as far as in it lies, its citizens from those ills and dangers to which they become exposed in the multiplied relations of society, by promoting and encouraging wholesome institutions and regulations, calculated to advance the well being, security and interests of the community; and it being represented to the legislature, that an institution has been established in the city of Philadelphia, called "the Philadelphia College of Apothecaries," for the purpose of cultivating, improving and making known a knowledge of Pharmacy, its collateral branches of science, and the best modes of preparing medicines and their compounds, and of giving instruction in the same by public lectures:

Now; that the purposes thereof may be the better carried into effect:

SECT. 1st. Be it enacted by the senate and house of representatives of the commonwealth of Pennsylvania in general assembly met, and it is hereby enacted by authority of the same; That all such persons as now are members of the Philadelphia College of Apothecaries, or may hereafter become members of the same, be, and they are hereby made and constituted a corporation and body politic, in law and in fact, to have continuance forever, by the name, style, and title of the Philadelphia College of Pharmacy, with power to make one public and common seal, and also one private seal to use in their affairs, and the same or either of them to change at pleasure, to make contracts relative to said institution, to sue and be sued, and by that name and style to be capable in law of purchasing, taking, holding, and conveying any estate real or personal for the use of said corporation: Provided that the annual income of such estate shall not exceed in value five thousand dollars, nor be applied to any other purposes than those for which this corporation is formed.

SECT. 2d. And be it further enacted by the authority aforesaid, that the said College may establish by-laws and rules for its government and regulation, and for the preservation and application of the funds thereof, not repugnant to the constitution and laws of the United States

or of this commonwealth, and shall have power to erect an edifice for their accommodation and to constitute a faculty or learned body, to consist of such head or heads, and such a number of professors in pharmacy, materia medica, chemistry, and the collateral sciences, as they may judge necessary and proper, and to do every thing needful and necessary to the establishment of said college and faculty.

SECT. 3d. And be it further enacted by the authority aforesaid ; That the officers of said college shall be a president and two vice presidents, a secretary and treasurer, whose respective duties may be assigned by the by-laws, and who shall be elected at the stated meeting of the college held in the month of March in each year, and any vacancy that may occur may be supplied by a special election ; there shall also be elected a board of trustees consisting of sixteen members, and the officers of the college shall also be ex-officio members of the board of trustees ; one half of the said trustees shall be chosen at the stated meeting in March, and the other half at the stated meeting in September, and the said board of trustees, nine of whom shall constitute a quorum, shall conduct the ordinary affairs of the college, make such rules and regulations and do all other things necessary for the government and support of the school of pharmacy, as they may deem fit and proper ; and perform such duties as are or may be from time to time committed to them by the said college ; the acts of the board of trustees, however, to be subject to the revision of the college at each stated meeting.

SECT. 4th. And be it further enacted by the authority aforesaid ; That if the annual and semi-annual elections for officers of said college and members of the board of trustees, shall not be held on the stated days, the said corporation shall not be thereby dissolved, but the officers and trustees shall continue in office until a new election.

JOSEPH LAWRENCE,

Speaker of the house of representatives.

WILLIAM MARKS, Jun.

Speaker of the senate.

Approved March 30th, 1822.

JOSEPH HIESTER.

RULES AND REGULATIONS.

ART. 1st. The president, vice presidents, and secretary shall perform the duties of their respective offices at the meetings of the college, and shall sign the certificates of membership and the diplomas of the institution. The treasurer shall receive and take care of the funds of the college, giving bond and security, if required, for the faithful performance of this trust to the president ; he shall pay no monies unless on the order of the president, or the chairman of the board of trustees, countersigned by the respective secretaries of the college or board as the case may be, and present a statement annually of his accounts at

the meeting on the last Tuesday of the month of March, or when required by the board of trustees.

ART. 2d. The stated meetings of the college shall be on the last Tuesday of the months of March, June, September and December, for the transaction of business, and receiving of essays and communications on subjects connected with pharmacy, materia medica, and chemistry. Fifteen members shall constitute a quorum.

ART. 3d. The board of trustees shall meet once a month, or oftener if necessary, by adjournments, or on the call of their chairman; and a majority of the board shall constitute a quorum for the transaction of business. It shall be the duty of the board of trustees to establish a school of pharmacy, provide suitable apparatus and a library, and appoint one or more lecturers, as may be deemed expedient, on materia medica, chemistry, and pharmacy, and on such branches of natural science as may be useful in the instruction of an apothecary; to appoint a committee of inspection, who shall examine all articles of drugs and medicines brought into the market and submitted to them, and report their character to the board of trustees, who shall make the same public, if required by the interest of the trade and the good of the community; to appoint a committee of equity, to settle any disputes that may arise in the transactions of business, by the members of the college, which may be referred to them. They shall also be entrusted with the election of resident and associate members, and shall regularly give notice of such elections to the secretary and treasurer of the college; and have power to frame rules and regulations for the examination of and granting diplomas to those who shall attend the lectures in the school of pharmacy.

ART. 4th. Any person who has been regularly educated as a druggist or apothecary, or who has received a diploma from this college, and is of correct moral deportment, may be proposed for resident or associate membership, in writing, by two of the members of the college, at a stated meeting of the board of trustees, and balloted for at the next stated meeting; three fourths of the votes shall be necessary to an election.

ART. 5th. Every person, on becoming a resident member, shall pay the sum of five dollars: and thereafter an annual contribution of five dollars. No member who has neglected to pay his installation fee, or is in arrears six months for his annual contribution, shall be entitled to a vote.

ART. 6th. The trustees may elect, in the same manner as directed by Art. 4th. the following description of persons as honorary members of the college: viz. druggists, apothecaries, chemists, and physicians, residing in any part of the United States, whose character and recommendations shall be satisfactory to them; each person so elected to pay at the discretion of the board of trustees, a contribution of twenty dollars in lieu of all other contributions. Honorary members shall have the same privileges as other members, in regard to the use of the library and attending the lectures and meetings of the college; but they shall have no right to vote or hold any office in the institution. All the contributions, received from honorary members, shall be appropriated to the sinking fund, for extinguishing the loan of one thousand dollars.

ART. 7th. Complaints may be preferred against any member of this college to the board of trustees, for malpractices and misconduct in his business; and if, on investigation, it shall appear that he has been guilty of adulterating and sophisticating any article of medicine or drugs, or of knowingly vending articles of that character, or of deteriorated qualities, the facts may be reported by the board of trustees to a meeting of the college publicly called, when a majority of all the members of the college concurring, he may be expelled.

ART. 8th. A journal of such transactions of the college as may be ordered for publication, of original essays and of selections from scientific books, shall be published from time to time, as materials are furnished.

2. A standing committee of five members shall be elected forthwith, and annually thereafter at the stated meeting in March, who shall be called the publishing committee, and shall have the charge of printing and publishing the journal, and authority to draw upon the board of trustees for money for that purpose.

3. All original communications to the college, for the journal, shall be referred for consideration to a committee of three members, appointed by the chairman for the time being, who, in conjunction with the publishing committee, shall examine and publish, at their discretion, such communications; and no original essay shall be published without such examination.

4. The publishing committee shall select from scientific books such passages and extracts, adapted to the nature of the journal, as they shall think proper, and may issue a number as often as they have suitable matter.

5. The journal shall be entitled, "The Journal of the Philadelphia College of Pharmacy;" each number shall contain from 24 to 32 pages, and be complete in itself, and 12 numbers shall form a volume.

6. The publishing committee shall affix the price and collect the subscription money for the journal; they shall keep a correct account of receipts and expenditures; and the profits, if any, of publication, shall be appropriated by them to the purchase of books for the college library. They may appropriate the covers of the journal as advertising sheets, for the use of members, and shall affix the price of the advertisements. They shall make report at the stated meeting in March of their proceedings during the year.

7. The college will not hold itself responsible for the opinions and investigations, contained in the communications published in the journal.

ART. 9th. No amendment or alteration of these rules shall be made, unless proposed to the college by two members at one stated meeting, considered at the next, and adopted by two thirds of the members present.

BY-LAWS.**ARTICLE I.**

SECT. 1. By order of the president, or at the request of three members communicated in writing, and specifying the objects in view, the secretary shall call a special meeting of the college.

SECT. 2. As soon as fifteen members shall appear at or after the appointed time of meeting, the president, or in his absence one of the vice-presidents, or in their absence a chairman pro tempore, shall take the chair and call the members to order.

SECT. 3. After the meeting has been organised, no member shall leave the room without permission from the presiding officer.

SECT. 4. At stated or adjourned meetings, business shall be proceeded in, according to the following order, viz.

1st. The secretary shall call the roll, and note absentees.

2d. Minutes of the preceeding meeting read, corrected if necessary, and adopted.

3d. The minutes of the board of trustees for the preceding three months and such reports or memoirs as they may present.

4th. Essays and communications on subjects relating to the objects of the institution.

5th. Incidental business.

ARTICLE II.

SECT. 1. At a special meeting, after the minutes of the preceding meeting have been read, the meeting shall immediately proceed to the consideration of the business for which it was specially convened, and no other business shall be brought before the college at such special meeting.

SECT. 2. The chair shall decide upon questions of order; from which decisions, however, an appeal to the meeting may be had, if required by two members, and the meeting shall thereupon decide without debate.

SECT. 3. No motion shall be received unless seconded, nor until the mover, if required by the president, chairman, or a member, shall have committed it to writing.

SECT. 4. Every member when speaking shall address the chair, and when a question is before the meeting, no motion shall be received unless to amend, divide, commit or postpone, or to adjourn; and a motion to adjourn shall always be decided without debate.

ARTICLE III.

SECT. 1. No member of the college shall receive an apprentice for a less term than four years; and it shall be rendered obligatory on such apprentices to attend two courses of the different lectures of the institution.

SECT. 2. The annual contributions of the resident members, shall become due at the stated meeting in December.

SECT. 3. The secretary shall keep regular minutes of the meetings of the college, furnish to committees a minute of their appointment, and give at least one day's notice to the members of the time and place of meeting.

SECT. 4. Every member of this college shall, on paying one dollar and a half, be entitled to a certificate of membership signed by the president, vice presidents, and secretary.

BY-LAWS

OF THE BOARD OF TRUSTEES.

ARTICLE I.

SECT. 1. The board of trustees shall elect from their body a chairman, who shall preside and preserve order in the meetings of the board.

He shall have the appointment of all committees, excepting those which are otherwise provided for. And shall not vote on motions, unless the board be equally divided.

SECT. 2. The duty of the secretary shall be to keep the minutes of the board, to read all communications, and to keep them in safe charge, and to give at least one day's notice to the members, of each meeting.

SECT. 3. No member, after the hour appointed for the meeting of the board, shall be permitted to retire, unless excused by the chairman or a majority of the members present.

ARTICLE II.

SECT. 1. The standing committees of the board shall be :

1st. A committee of inspection, to consist of 5 members.

2d. A committee of equity of 5 members.

3d. A library committee of 3 members.

4th. A committee on the cabinet of specimens, of 3 members.

5th. A committee for the examination of candidates for the diploma of the college, of 3 members.

These committees, except the 5th, together with the chairman and secretary, shall be elected by ballot at the first stated meeting of the board, after the election of the college in March and September.—The 5th committee shall be elected at the latter period—And when any vacancies occur in committees, they shall be supplied at the next meeting, after the circumstance is known.

SECT. 2. It shall be the duty of the committee of inspection to examine all drugs and medicines, which may be submitted to them, and to make report to the board of such unmerchantable or spurious articles as may come within their knowledge.

SECT. 3. The committee of equity shall decide all matters in controversy between the members of the college, that shall be submit-

ted to them : the parties first giving bond, if required, to abide by the decision.

SECT. 4. The library committee shall procure, with such funds as may be placed at their disposal by the board, a collection of books on chemistry, pharmacy and medicine, and on subjects connected therewith, for the use of members of the college and their apprentices, under such regulations as the board may adopt, and shall have a general superintendence of the library.

SECT. 5. The committee on the cabinet of specimens. shall procure (in such manner as the board may direct) specimens of the various articles composing the materia medica and the collateral branches of science, and shall arrange and preserve them in proper order for exhibition, subject to such regulations as they, with the approbation of the board, may direct.

SECT. 6. It shall be the duty of the committee of examination, in conjunction with the professors, to receive and examine all original dissertations or theses presented to them by the applicants for the diploma of the college, and carefully to examine all the applicants personally upon their qualifications to conduct the drug and apothecary business in a reputable manner, and report their opinion thereon jointly to the board of trustees, who shall finally decide upon all such applicants: The theses of all the candidates, whom the committee and professors may recommend as qualified to receive the diploma of the college, shall be delivered to the board of trustees, all others shall be returned by the committee to their respective authors.

SECT. 7. The stated meetings of the board, shall be held on the last Tuesday but one in each month, at such hour and place as may be agreed on.

ARTICLE. III.

SECT. 1. Every application for membership shall be referred to a committee of three members, who shall inquire into the eligibility of the candidate, according to the regulations of the college, and report their opinions thereon to the succeeding meeting.

SECT. 2. The standing committees shall report to the board at the stated meetings in March, June, September and December.

SECT. 3. There shall be a committee of 3 members who shall have charge of the rooms, with authority to procure such fixtures for them as may be deemed necessary.

SECT. 4. There shall be a committee of accounts of three persons, who shall examine and certify accounts previous to payment. And this committee shall constitute a finance committee to aid the treasurer in the collection and disposition of the funds of the college.

OFFICERS OF THE COLLEGE.

PRESIDENT—William Lehman.

VICE-PRESIDENTS—Stephen North,
Samuel P. Wetherill.

SECRETARY—Daniel B. Smith.

TREASURER—William Heyl.

TRUSTEES.

Dr. Samuel Jackson,
Solomon Temple,
Henry Troth,
Peter Lehman,
Alexander Fullerton, Jr.
Charles Yarnall,
Jacob Bigonet,
A. S. Roberts,

Warder Morris,
Joseph Reakirt,
William Baker,
Edward B. Garrigues,
Dr. George H. Burgin,
John P. Wetherill,
Edmund Pryor,
Joseph Allen.

RESIDENT MEMBERS.

John Elliot,
Charles Allen,
Robert Milnor,
Elisha Crowell,
James W. Simes,
William Rovoudt,
Mordecai L. Gordon,
Thomas M'Clintock,
George D. Wetherill,
Thomas Wilteberger,
Isaac Thompson,
Matthias Pleiss,
Peter Thomson, Jr.
William C. Poole,
Peter Williamson,
Frederick Klett,
Frederick Brown,
Caleb Ash, Jr.
Charles Ellis,
Thomas Oliver,
Thomas A. Mason,
Richard Jordan,
James L. Smith,
Edward Needles,
Samuel Biddle,
Eleazar Cohen,
Charles Marshall, Jr.
Daniel Laws,
Thomas Cave,
Jeremiah Emlen,

John J. Smith, Jr.
George Glentworth,
Edward Lowber,
Charles Wetherill,
Daniel Thatcher,
Thomas Evans,
Henry M. Zollickoffer,
Charles Rizer,
Anthony H. Morris,
Graham Hoskins,
John Farr,
Andrew Beck,
William Dick,
Joseph Stouse,
Richard Cook,
Samuel F. Troth,
Joseph Starr,
Dr. Benjamin Ellis,
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Samuel P. Griffiths, Jr.
Thomas Percival,
Charles Evans,
Ellis H. Yarnall,
Edward Yarnall,
Charles Reynolds,
William Stuckert,
Edward Roberts,

LIST OF MEMBERS.

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Ashfield H. Wetherill,

George Dickson,
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John Ayrton Paris, M. D. *London.*
Anthony Tod Thomson, *London.*

THE
DRUGGIST'S MANUAL.

—●—
PRICE CURRENT.

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
1	Acetum Colchici				
	Distillatum				
	Opii				
	Purificatum				
	Scillæ				
	Vini				
	Acidum Aceticum Forte				
	Aromaticum				
	Benzoicum				
10	Boracicum				
	Citricum				
	Muriaticum - - - - -				
	Forte - - - - -				
	Purissimum - - - - -				
	Nitricum - - - - -				
	Forte - - - - -				
	Purissimum - - - - -				
	Nitrosum Fumans - - - - -				
	Nitro-muriaticum - - - - -				
20	Oxalicum - - - - -				
	Oxymuriaticum - - - - -				
	Phosphoricum - - - - -				
	Prussicum - - - - -				
	Pyroligneum				
	Sulphuricum - - - - -				
	Aromaticum - - - - -				
	Dilutum - - - - -				

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Acidum Succinicum	-	-		
	Tartaricum	-	-		
30	Adeps Anseris	-	-		
	Bovis	-	-		
	Cervi	-	-		
	Suillus	-	-		
	Ursi	-	-		
	Viperæ	-	-		
	Agaricus	-	-		
	Æther Aceticus	-	-		
	Muriaticus	-	-		
	Nitricus	-	-		
40	Sulphuricus	-	-		
	Alcohol	-	-		
	Ammoniatum	-	-		
	Aromaticum	-	-		
	Dilutum	-	-		
	Alumen Rupeum	-	-		
	Aluminæ et Potassæ Sulphas	-	-		
	Exsiccatum	-	-		
	Ammoniæ Benzoas	-	-		
	Carbonas	-	-		
50	Murias (Angl.)	-	-		
	(Ind. Orient.)	-	-		
	et Ferri Murias	-	-		
	Hydrosulphuretum	-	-		
	Nitras	-	-		
	Oxalas	-	-		
	Succinas	-	-		
	Amygdalæ Amaræ	-	-		
	Antimonium	-	-		
	Tartarisatum	-	-		
60	Antimonii Murias	-	-		
	Oxydum	-	-		
	Sulphuratum	-	-		
	Vitrificatum	-	-		
	cum Cera	-	-		

			lb.	¼ lb.	oz.	dr.
	Antimonii oxydum Sulphuretum nigrum					
		Pulv.				
		Lotum				
		Fuscum				
	Aqua Acetatis Ammoniaë	-	-			
70	Ammoniaë	-	-			
	Carbonatas	-	-			
	Calcis	-	-			
	Cinnamomi	-	-			
	Coloniensis	-	-			
	Distillata	-	-			
	Floræ Aurantium	-	-			
	Menthæ Piperitæ	-	-			
	Sativæ	-	-			
	Plumbi sub-acetatis	-	-			
80	Picis Liquidæ	-	-			
	Potassæ	-	-			
	Rosarum	-	-			
	Argenti Nitras	-	-			
	Arsenicum	-	-			
	Arsenici Oxydum	-	-			
		Pulv.	-	-		
	Asphaltum	-	-			
	Auri Murias	-	-			

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	B				
	Baccæ Juniperi Communis	-	-		
90	Lauri Nobilis	-	-	-	
	Menispermi Cocculi	-	-	-	
	Myrti Pimentæ	-	-		
	Balsamum Canadense	-	-	-	
	Copaibæ	-	-	-	
	Giliadense	-	-	-	
	Peruvianum	-	-	-	
	Tolutanum	-	-		
	Baryta	-	-	-	
	Barytæ Acetas	-	-	-	
	Carbonas	-	-	-	
	Murias	-	-	-	
	Nitras	-	-	-	
	Bismuthum	-	-	-	
	Bismuthi sub-nitras	-	-	-	
100	Bolus Armenianus	-	-	-	
	C				
	Calcis Carbonas Ppt.	-	-	-	
	Murias	-	-	-	
	Muriatis Solutio	-	-	-	
	Phosphas	-	-	-	
110	Phosphuretum	-	-	-	
	Calomel Ppt.	-	-	-	
	Camphor	-	-	-	
	Cantharides	-	-	-	
	Pulv.	-	-	-	
	Vittatæ	-	-	-	
	Carbonis Ligni Pulvis	-	-	-	
	Cassia Fistula	-	-	-	
	Castoreum Amer. Septent.	-	-	-	
	Russicum	-	-	-	

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
120	Caryophylli	-	-	-	-
	Catechu	-	-	-	-
	Cera Alba	-	-	-	-
	Flava	-	-	-	-
	Ceratum Arsenici	-	-	-	-
	Cantharidis	-	-	-	-
	Juniperi Sabinæ	-	-	-	-
	Virginianæ	-	-	-	-
	Labiæ	-	-	-	-
	Plumbi Sub-acetatis	-	-	-	-
130	Carbonatis	-	-	-	-
	Resinosum	-	-	-	-
	Saponis	-	-	-	-
	Simplex	-	-	-	-
	Zinci Carbonatis	-	-	-	-
	Chelæ Cancrorum Ppt.	-	-	-	-
	Coccinella	-	-	-	-
	Collyrium Plumbi Acetatis	-	-	-	-
	Zinci Acetatis	-	-	-	-
	Confectio Aromatica	-	-	-	-
140	Aurantii Corticis	-	-	-	-
	Cassiæ	-	-	-	-
	Catechu	-	-	-	-
	Opii	-	-	-	-
	Rosarum	-	-	-	-
	Sambuci	-	-	-	-
	Sennæ Composita	-	-	-	-
	Corallum Rubrum Ppt.	-	-	-	-
	Cortex Araliæ Spinosæ	-	-	-	-
	Bonplandiæ Trifoliatæ	-	-	-	-
150	Canellæ Albæ	-	-	-	-
	Pulv.	-	-	-	-
	Cinchonæ Flavæ Opt.	-	-	-	-
	Pulv.	-	-	-	-
	Com.	-	-	-	-
	(Carthagenæ)	-	-	-	-
	Pulv.	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Cortex Cinchonæ Pallidæ Opt.	-			
	Pulv.				
	Com.	-			
	Pulv.				
160	Rubræ Opt.	-			
	Pulv.				
	Com.	-			
	Pulv.				
	Citri Aurantii	-			
	Medicæ	-			
	Croton Eleutheriæ	-			
	Pulv.	-			
	Cornus Floridæ	-			
	Sericeæ	-			
170	Diospyri Virginianæ	-			
	Geoffroyæ Inermis	-			
	Lauri Cassiæ	-			
	Pulv.	-			
	Cinnamomi	-			
	Sassafras	-			
	Liriodendri Tulipiferæ	-			
	Magnoliæ Glaucae	-			
	Meliæ Azedarach	-			
	Pruni Virginianæ	-			
180	Punicæ Granati	-			
	Querci Albæ	-			
	Tinctoriæ	-			
	Quassiæ Semirubæ	-			
	Radicis Mezerei	-			
	Ulmi Fulvæ	-			
	Winteræ Aromaticæ	-			
	Xanthoxyli Fraxinei	-			
	Crocus Anglicus	-			
	Hispanicus	-			
190	Cupri Acetas	-			
	Ammoniaretum	-			
	Nitras	-			

	lb.	$\frac{1}{4}$ lb.	oz.	dr.
Cupri Sulphas - - - -				

D

Decoctum Sarsaparillæ Compositum
Lichenis Islandici -

E

Elaterium - - - -				
(Clutterbuckii) - -				
Emetine - - - -				
Emplastrum Adhesivum - -				
200 Ammoniaci - - - -				
Aromaticum - - - -				
Assafetidæ - - - -				
Calefaciens - - - -				
Cantharidis - - - -				
Ferri - - - -				
Galbani Compositum -				

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Emplastrum Hydrargyri	-	-		
	Lithargyri	-	-		
	Logani	-	-		
210	Myrrhæ	-	-		
	Oxycroceum	-	-		
	Resinosum	-	-		
	Plumbi Carbonatis Comp.				
	Saponis	-	-		
	Thuris	-	-		
	Extractum Absynthii	-	-		
	Aconiti, S. S.	-	-		
	Belladonnæ	-	-		
	Chamæmeli	-	-		
220	Cinchonæ Durum	-	-		
	Molle	-	-		
	Rubræ Resinosum				
	Colocynthidis Compositum				
	Conii Maculati S. S.				
	Gentianæ	-	-		
	Glycyrrhizæ	-	-		
	Purificatum				
	Pulv.	-	-		
	Hæmatoxyli	-	-		
230	Hellebori Nigri	-	-		
	Humuli	-	-		
	Hyoscyami S. S.	-	-		
	Jalapæ	-	-		
	Juglandis	-	-		
	Opii Aquosum	-	-		
	Papaveris	-	-		
	Phytolaccæ	-	-		
	Pini Canadensis	-	-		
	Podophylli	-	-		
240	Quassiæ	-	-		
	Quinæ	-	-		
	Rhei	-	-		
	Sabinæ	-	-		

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Extractum Sennæ	-	-	-	-
	Stramonii S.S.	-	-	-	-
	Semen.	-	-	-	-
	Strychni N. V.	-	-	-	-
	Taraxaci	-	-	-	-
F					
	Faba Tunkinensis	-	-	-	-
250	Farina Avenacea	-	-	-	-
	Oryzæ	-	-	-	-
	Seminis Lini	-	-	-	-
	Fecula Marantæ Arundinaceæ	-	-	-	-
	Ferri Acetas	-	-	-	-
	Carbonas	-	-	-	-
	Precipitatus	-	-	-	-
	Limaturæ	-	-	-	-
	Oxydum Rubrum	-	-	-	-
	Phosphas	-	-	-	-
260	Prussias	-	-	-	-
	Sulphas	-	-	-	-
	Exsiccatus	-	-	-	-
	Tartras	-	-	-	-
	Flores Achilleæ Millefolii	-	-	-	-
	Althææ Officinalis	-	-	-	-
	Arnicaë Montanæ	-	-	-	-
	Carthami Tinctorii	-	-	-	-
	Chamæmeli	-	-	-	-
	Erigeronis Canadensis	-	-	-	-
270	Philadelphiensis	-	-	-	-
	Lavandulæ Spicatæ	-	-	-	-
	Lauri Cassiæ	-	-	-	-

	lb.	$\frac{1}{4}$ lb.	oz.	dr.
Flores Papaveris Rubræ - - -				
Rosæ Gallicæ - - -				
Sambuci - - - -				
Foliæ Aconiti Napelli - - -				
Cassiæ Sennæ Alexandr. -				
Ind. Orient.				
Tripolit. -				
280 Marylandicæ - - -				
Arbuti Uvæ Ursi - - -				
Atropæ Belladonnæ - - -				
Conii Maculati - - - -				
Digitalis Purpureæ - - -				
Juniperis Sabinæ - - - -				
Tussilaginis Farfaræ -				
Fructus Capsici Annui - - -				
Cucumis Colocynthidis -				
Tamarindi Indicæ - - -				
G				
290 Gallæ Halapenses - - -				
Pulv. - - - -				
Gummi Aloes Socotorinum - - -				
Capense - - - -				
Caballinum - - - -				
Pulv. - - - -				
Ammoniacum Lachrymatum				
Secundarium -				
Arabicum Optimum - - -				
Secundarium -				
Pulv. - - - -				
300 Assafœtidæ Lachrymatum -				
Secundarium				
Benzoinum Lachrymatum -				

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Gummi Benzoinum Secundarium	-	-	-	-
	Elasticum	-	-	-	-
	Elemi	-	-	-	-
	Galbanum Lachrymatum	-	-	-	-
	Colatum	-	-	-	-
	Secundarium	-	-	-	-
310	Guaiacum	-	-	-	-
	Gambogiæ	-	-	-	-
	Labdanum	-	-	-	-
	Myrrhæ Turcicum	-	-	-	-
	Ind. Orient.	-	-	-	-
	Pulv.	-	-	-	-
	Olibanum	-	-	-	-
	Opium Turcicum	-	-	-	-
	Ind. Orient.	-	-	-	-
	Pulv.	-	-	-	-
320	Opopanax	-	-	-	-
	Sagapenum	-	-	-	-
	Sarcocolla	-	-	-	-
	Scammonium Halapense	-	-	-	-
	Smyrnense	-	-	-	-
	Styracis Calamitum	-	-	-	-
	Liquidum	-	-	-	-
	Lachrymatum	-	-	-	-
	Senegal	-	-	-	-
	Secundarium	-	-	-	-
330	Tacamahaca	-	-	-	-
	Thuris	-	-	-	-
	Tragacanthæ	-	-	-	-
	Pulv.	-	-	-	-
	H				
	Herba Adianti Pedati	-	-	-	-
	Asari Canadensis	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Herba Chimaphilæ Umbellatæ	-			
	Cunilæ Marianæ	- - -			
	Eupatorii Perfoliati	- - -			
	Hedeomæ Pulegioidis	- - -			
340	Leonuri Cardiaci	- - -			
	Lobeliæ Inflatæ	- - -			
	Marrubii Vulgaris	- - -			
	Melissæ Officinalis	- - -			
	Menthæ Piperitis	- - -			
	Sativæ	- - -			
	Nepetæ Catariæ	- - -			
	Sabbatiæ Angularis	- - -			
	Salviæ Officinalis	- - -			
	Hordeum Perlatum	- - -			
350	Humuli Lupuli	- - - -			
	Hydrargyrum	- - - -			
	cum Creta	- - -			
	Magnesia	- - -			
	Hydrargyri Acetas	- - - -			
	Nitrico Oxydum	- - -			
	Murias Corrosivus	- - -			
	Mitis	- - -			
	Oxydum Cinereum	- - -			
	Phosphas	- - -			
360	Prussias	- - -			
	Submurias Ammoniatas	- - -			
	Subsulphas Flavus	- - -			
	Sulphuretum Nigrum	- - -			
	Rubrum	- - -			
	Hydriodas Potassæ	- - -			

lb. $\frac{1}{4}$ lb. oz. dr.

I

Ichthyocola, L. S. - - - -

S. S. - - - -

Iodina - - - -

K

Kermes Mineralis - - - -

370 Kino - - - -

L

Lacmus Tinctorius - - - -

Lactucarium - - - -

Laudanum - - - -

Lichen Islandicus - - - -

Lignum Guaiaci Rasum - - - -

Quassiae - - - -

Rasum - - - -

Linimentum Ammoniae - - - -

Aquaë Calcis - - - -

380 Cantharidum - - - -

Saponis - - - -

et Opii - - - -

Terebinthinæ Comp.

Linteum Commune - - - -

(Patent) - - - -

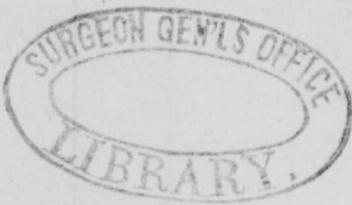
Liquor Arsenicalis - - - -

Barytæ Muriatis - - - -

Calcis Muriatis - - - -

Morphii Citratis - - - -

390 Volatilis Cornu Cervi - - - -

	lb.	$\frac{1}{4}$ lb.	oz.	dr.
M				
Macis	-	-	-	-
Magnesia Calcinata	-	-	-	-
Magnesiæ Carbonas	-	-	-	-
Pulv.	-	-	-	-
S. S.	-	-	-	-
Sulphas	-	-	-	-
Manganesii Oxidum Nigrum	-	-	-	-
Manna Lachrymata	-	-	-	-
Grassa	-	-	-	-
400 Medulla Sambuci	-	-	-	-
Sassafras	-	-	-	-
Mel Despumatum	-	-	-	-
Rosæ	-	-	-	-
Scillæ Compositum	-	-	-	-
Mistura Ammoniaca	-	-	-	-
Assafœtidæ	-	-	-	-
Camphoræ	-	-	-	-
Cretacea	-	-	-	-
Fusca	-	-	-	-
410 Morphinum	-	-	-	-
Morphii Acetas	-	-	-	-
Moschus	-	-	-	-
Granulatus	-	-	-	-
				
N				
Naphtha	-	-	-	-
Nickelum	-	-	-	-
Nuces Moschatæ	-	-	-	-
Vomicæ	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	O				
	Occuli Cancrorum Preparati	-	-	-	-
	Oleum Absynthii	-	-	-	-
420	Æthereum	-	-	-	-
	Amygdalarum	-	-	-	-
	Anethi	-	-	-	-
	Anisi	-	-	-	-
	Aurantiorum	-	-	-	-
	Cajeputi	-	-	-	-
	Carui	-	-	-	-
	Caryophyllorum	-	-	-	-
	Chamæmeli	-	-	-	-
	Chenopodii	-	-	-	-
430	Cinnamomi	-	-	-	-
	Croton Tiglii	-	-	-	-
	Cymini	-	-	-	-
	Florum Aurantiorum	-	-	-	-
	Hyssopi	-	-	-	-
	Fœniculi Dulcis	-	-	-	-
	Gaultheriæ Procumbentis	-	-	-	-
	Hyperici Expressum	-	-	-	-
	Juniperis	-	-	-	-
	Lateritium	-	-	-	-
440	Laurinum	-	-	-	-
	Lavandulæ Anglicæ	-	-	-	-
	Gallicæ	-	-	-	-
	Limonis	-	-	-	-
	Bergamottæ	-	-	-	-
	Lini	-	-	-	-
	Sine igne	-	-	-	-
	Macis Expressum	-	-	-	-
	Menthæ Piperitæ	-	-	-	-
	Sativæ	-	-	-	-
450	Monardæ Punctatæ	-	-	-	-
	Nucis Moschatæ	-	-	-	-
	Olivarum Optimum	-	-	-	-
	Secundarium	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Oleum Origani	-	-	-	-
	Palmæ	-	-	-	-
	Papaveris Expressum	-	-	-	-
	Pini Canadensis	-	-	-	-
	Petrolei	-	-	-	-
	Pimentæ	-	-	-	-
460	Pulegii	-	-	-	-
	Ricini, sine igne	-	-	-	-
	Secundarium	-	-	-	-
	Rhodii	-	-	-	-
	Rorismarini	-	-	-	-
	Rosarum	-	-	-	-
	Rutæ	-	-	-	-
	Sabinæ	-	-	-	-
	Sassafras	-	-	-	-
	Senekæ	-	-	-	-
470	Sesami	-	-	-	-
	Solidaginis Odoræ	-	-	-	-
	Spicæ	-	-	-	-
	Succini	-	-	-	-
	Rectificatum	-	-	-	-
	Oxydatum	-	-	-	-
	Sulphuretum	-	-	-	-
	Terebinthinatum	-	-	-	-
	Anisatum	-	-	-	-
	Tanaceti	-	-	-	-
480	Terebinthinum	-	-	-	-
	Thymæ	-	-	-	-
	Ossæ Sepiæ	-	-	-	-
	Oxymel Æruginis	-	-	-	-
	Colchici	-	-	-	-
	Scillæ	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	P				
	Petroleum Barbadosense	-	-	-	-
	Phosphorus	-	-	-	-
	Pilulæ Aloeticæ	-	-	-	-
	Arsenici	-	-	-	-
490	Assafœtidæ	-	-	-	-
	Calomel gr. j	-	-	-	-
	gr. ij.	-	-	-	-
	Catharticæ	-	-	-	-
	Colocynthidæ Comp.	-	-	-	-
	Cocciaë	-	-	-	-
	Hydrargyri	-	-	-	-
	Opii	-	-	-	-
	Picis	-	-	-	-
	Rhei	-	-	-	-
500	Rufi	-	-	-	-
	Terebinthinæ	-	-	-	-
	Pix Burgundica	-	-	-	-
	Liquida	-	-	-	-
	Piper Cubeba	-	-	-	-
	Longum	-	-	-	-
	Nigrum	-	-	-	-
	Platini Murias	-	-	-	-
	Platinum	-	-	-	-
	Plumbi Acetas	-	-	-	-
510	Carbonas	-	-	-	-
	Oxidum Rubrum	-	-	-	-
	Semivitreum	-	-	-	-
	Sub-acetas Liquidus	-	-	-	-
	Potassa Pura	-	-	-	-
	cum Calce	-	-	-	-
	Potassæ Acetas	-	-	-	-
	Boro-tartras	-	-	-	-
	Carbonas	-	-	-	-
	Impurus	-	-	-	-
520	Bi-carbonas	-	-	-	-
	Binoxalas	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
530	Potassæ Bi-sulphas	-	-	-	-
	Bi-tartras	-	-	-	-
	Impurus	-	-	-	-
	Chloras	-	-	-	-
	Murias	-	-	-	-
	Nitras	-	-	-	-
	cum Sulphure	-	-	-	-
	Prussias	-	-	-	-
	Sulphas	-	-	-	-
	Sulphuretum	-	-	-	-
540	Tartras	-	-	-	-
	et Sodæ Tartras	-	-	-	-
	Pubes Dolichi Prurientis	-	-	-	-
	Pulvis Aloes cum Canella	-	-	-	-
	Antimonialis	-	-	-	-
	Aromaticus	-	-	-	-
	Cretæ Compositus	-	-	-	-
	Jalapæ Compositus	-	-	-	-
	Ipecacuanhæ Compositus	-	-	-	-
	Q				
Quinæ Sulphas	-	-	-	-	-
	R				
Radix Acori Calami	-	-	-	-	-
Aletris Farinosæ	-	-	-	-	-
Alii Sativi	-	-	-	-	-
Althææ Officinalis	-	-	-	-	-
Amomi Zedoariæ	-	-	-	-	-
Anchusæ Tinctoriæ	-	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Radix Angelicæ Archangelicæ				
	Anthemis Pyrethri - - -				
550	Apocynii Androsæmifolii - -				
	Araliæ Racemosæ - - -				
	Nudicaulis - - -				
	Arctii Lappæ - - -				
	Ari Triphylli - - -				
	Aristolochiæ Longæ - - -				
	Rotundæ - - -				
	Serpentariæ				
					Pulv.
	Asari Canadensis - - -				
560	Asclepiadis Tuberosæ - - -				
	Bistortæ - - -				
	Brioniæ - - -				
	Calicocæ Ipecacuanhæ - -				
					Pulv.
	Cimicifugæ Serpentariæ - -				
	Colchici Autumnalis - - -				
	Colombo - - -				
	Pulv. - - -				
	Comptoniæ Asplenifoliæ - -				
570	Convolvuli Jalapæ - - -				
					Pulv.
	Coptis Trifoliæ - - -				
	Curcumæ Longæ - - -				
					Pulv.
	Daphnes Mezerei - - -				
	Daturæ Stramonii - - -				
	Delphinii Consolidæ - - -				
	Dorsteniæ Contrayervæ - -				
	Dracontii Fœtidi - - -				
580	Fraseræ Walteri - - -				
	Gei Rivalis - - -				
	Urbani - - -				
	Gentianæ Catesbæi - - -				
	Luteæ - - -				

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Radix Gentianæ Luteæ Pulv.	-			
	Glycyrrhizæ Glabræ	-			
	Pulv.				
	Geranii Maculati	-			
	Gillenizæ Trifoliatæ	-			
590	Hellebori Albi	-			
	Pulv.	-			
	Nigri	-			
	Heucheræ Cortusæ	-			
	Imperatorizæ Officinâlis	-			
	Inulæ Helenii	-			
	Pulv.	-			
	Iridis Florentinæ	-			
	Pulv.	-			
	Kramerizæ Triandræ	-			
600	Marantæ Galangæ	-			
	Menyanthis Trifoliatæ	-			
	Pæonizæ Officinâlis	-			
	Panacis Quinquefolii	-			
	Phytolaccæ Decandræ	-			
	Podophylli Peltati	-			
	Polygalæ Senegæ	-			
	Polygoni Bistorti	-			
	Polypodii Filicis Maris	-			
	Rhei Palmati Russica	-			
610	Chinensis	-			
	Anglica	-			
	Pulv.	-			
	Rubizæ Tinctorum	-			
	Rubi Villosi	-			
	Trivialis	-			
	Scillæ Siccatae	-			
	Pulv.	-			
	Sanguinariæ Canadensis	-			
	Smilacis Chinæ	-			
620	Sarsaparillæ	-			
	Pulv.				

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Radix Sophoræ Tinctoriæ	-	-		
	Spigeliæ Marylandicæ	-			
	sine cacuminibus	-			
	Pulv.	-	-		
	Statice Carolinianæ	-	-		
	Symphiti Officinalis	-	-		
	Tormentillæ Erectæ	-	-		
	Valerianæ Sylvestris	-	-		
630	Pulv.	-			
	Zanthorhizæ Apiifoliæ	-	-		
	Zingiberis	-	-		
	Pulv.	-	-		
	Rasura Cornu Cervi	-	-		
	Santali Rubri	-	-		
	Resina Alba Pini	-	-		
	Cinchonæ	-	-		
	Copallina	-	-		
	Flava Pini	-	-		
640	Juniperis	-	-		
	Jalapæ	-	-		
	Mastiche	-	-		
	Pini Abietis	-	-		
	Canadensis	-	-		
	Laricis	-	-		
	Pterocarpi Sanguinis Draconis				

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	S				
	Saccharum Album - - - -				
	Chrystallizatum - -				
	Sago Granulata - - - -				
630	Perlata - - - -				
	Pulv. - - - -				
	Sal Absynthii - - - -				
	Æratus - - - -				
	Sapo Castilliensis - - - -				
	Albus - - - -				
	Secale Cornutum - - - -				
	Semina Amomi Granæ Paradisi				
	Anethi Graveolentis - -				
	Fœniculi Dulcis -				
660	Com. -				
	Artemisiæ Santonici - -				
	Cannabis - - - -				
	Carui - - - -				
	Chenopodii Anthelmintici				
	Colchici Autumnalis - -				
	Coriandri Sativi - -				
	Crotoni Tiglii - - - -				
	Cymini - - - -				
	Cucurbitæ Citrulli - -				
670	Dauci Carotæ - - - -				
	Delphinii Staphisagriæ -				
	Elettariæ Cardamomi - -				
	Illicii Anisati - - - -				
	Lini Usitatissimi - -				
	Phalaris Canariensis - -				
	Pimpinellæ Anisi - -				
	Pyri Cydoniæ - - - -				
	Sinapis Albæ - - - -				
	Nigræ - - - -				
580	Trigonellæ Fœnum Græcum				
	Siliqua Dolichi Prurientis - -				
	Spermaceti - - - -				

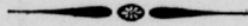
		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Spiritus Ætheris Muriatici	-	-		
	Nitrosi	-	-		
	Sulphuris	-	-		
	Compositus				
	Lavandulæ	-	-		
	Compositus	-	-		
	Menthæ Piperitis	-	-		
690	Rorismarinæ	-	-		
	Vini Camphoratus	-	-		
	Rectificatus	-	-		
	Spongia	-	-		
	Usta	-	-		
	Soda Pura	-	-		
	Sodæ Aqua Caustica	-	-		
	Carbonas	-	-		
	Exsiccatas	-	-		
	Bi-carbonas	-	-		
700	Phosphas	-	-		
	Sub-boras	-	-		
	Sulphuretum	-	-		
	Sulphas	-	-		
	Exsiccatas	-	-		
	Stannum	-	-		
	Granulatum	-	-		
	Stanni Oxidum	-	-		
	Stipites Solani Dulcamaræ	-	-		
	Strontia	-	-		
710	Strontizæ Murias	-	-		
	Nitras	-	-		
	Succinum	-	-		
	Sulphur Crudum	-	-		
	Præcipitatum	-	-		
	Sublimatum	-	-		
	Lotum	-	-		
	Vivum	-	-		
	Syrupus Alii	-	-		
	Anonæ	-	-		

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Tinctura Benzoës Composita	-			
	Cantharidis	-			
	et Capsici	-			
	Capsici	-			
	Cardamomi	-			
	Cascarillæ	-			
	Castorei	-			
	Catechu	-			
760	Cinchonæ	-			
	Composita	-			
	Rubræ Composita				
	Cinnamomi	-			
	Composita	-			
	Colombo	-			
	Croci	-			
	Digitalis	-			
	Diospyri Virginiani	-			
	Ferri Muriatis	-			
770	Galbani	-			
	Gallarum	-			
	Gentianæ	-			
	Composita	-			
	Guaiaci	-			
	Ammoniata	-			
	Hellebori Nigri	-			
	Humuli	-			
	Ipecacuanhæ	-			
	Jalapæ	-			
780	Kino	-			
	Moschi	-			
	Myrrhæ	-			
	Opii	-			
	Ammoniata	-			
	Camphorata	-			
	Phytolacæ	-			
	Pruni Virginiani	-			
	Quassiæ	-			

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Tinctura Rhei	-	-	-	-
790	Composita	-	-	-	-
	et Aloes	-	-	-	-
	et Gentianæ	-	-	-	-
	Dulcis	-	-	-	-
	Sabinæ	-	-	-	-
	Sanguinariæ Canadensis	-	-	-	-
	Scillæ	-	-	-	-
	Sennæ Composita	-	-	-	-
	Serpentariæ	-	-	-	-
	Valerianæ	-	-	-	-
800	Ammoniata	-	-	-	-
	Zingiberis	-	-	-	-
	Trochisci Glycyrrhizæ	-	-	-	-
	et Opii	-	-	-	-
	Gummosi	-	-	-	-
	Ipecacuanhæ	-	-	-	-
	Menthæ Piperitis	-	-	-	-
	Rosarum	-	-	-	-
	Tolutani	-	-	-	-
	Zingiberis	-	-	-	-
U					
810	Unguentum Acidi Nitrosi	-	-	-	-
	Aquæ Rosarum	-	-	-	-
	Althææ	-	-	-	-
	Cantharidum	-	-	-	-
	Ceræ	-	-	-	-
	Cerussæ	-	-	-	-
	Deshleri	-	-	-	-
	Elemi	-	-	-	-
	Gallarum	-	-	-	-
	Hydrargyri	-	-	-	-
820	Fortius	-	-	-	-
	Fortissimum	-	-	-	-

		lb.	$\frac{1}{4}$ lb.	oz.	dr.
	Unguentum Hydrargyri Nitrati	-			
	Nitrici Oxydi				
	Picis	-	-	-	-
	Plumbi Comp.	-	-	-	-
	Precipitati Albi	-	-	-	-
	Resinosum	-	-	-	-
	Sabinæ	-	-	-	-
	Sambuci	-	-	-	-
830	Strammonii	-	-	-	-
	Sub-acetatis Cupri	-	-	-	-
	Sulphuris	-	-	-	-
	Tutiæ	-	-	-	-
	Veratri Albi	-	-	-	-
	V				
	Vanilla	-	-	-	-
	Vinum Aloeticum	-	-	-	-
	Antimonii Tartarizati	-	-	-	-
	Colchici Floris	-	-	-	-
	Radicis	-	-	-	-
840	Seminis	-	-	-	-
	Ferri	-	-	-	-
	Ipecacuanhæ	-	-	-	-
	Nicotianæ	-	-	-	-
	Opii	-	-	-	-
	Rhei	-	-	-	-
	Zingiberis	-	-	-	-
	Z				
	Zincum	-	-	-	-
	Zinci Acetas	-	-	-	-
	Carbonas Impurus	-	-	-	-
850	Oxydum Impurum	-	-	-	-
	Sublimatum	-	-	-	-
	Sulphas	-	-	-	-

PATENT MEDICINES.



					gross.	doz.	single.
A							
Anderson's Scott's Pills, genuine	-	-	-	-			
common	-	-	-	-			
Antipertussis	-	-	-	-			
Ague Powders	-	-	-	-			
B							
Balm of Gilead, Solomon's	-	-	-	-			
Balsam de Maltha	-	-	-	-			
of Honey, Cundell's	-	-	-	-			
Hill's	-	-	-	-			
Barber's Horse Powders	-	-	-	-			
Bateman's Pectoral Drops, genuine	-	-	-	-			
common	-	-	-	-			
British Oil, genuine	-	-	-	-			
common	-	-	-	-			
C							
Cajeput Oil	-	-	-	-			
Cephalic Snuff	-	-	-	-			
Cheltenham Salts	-	-	-	-			
Ching's Worm Lozenges	-	-	-	-			
Church's Cough Drops	-	-	-	-			
Clarke's Indelible Ink	-	-	-	-			
Chamomile Drops	-	-	-	-			
Cologne Water	-	-	-	-			
Columbian Oil	-	-	-	-			
Court Plaister, black	-	-	-	-			
flesh coloured	-	-	-	-			
Cough Lozenges	-	-	-	-			

						gross.	doz.	single.
D								
Daffy's Elixir	-	-	-	-	-			
Dalby's Carminative	-	-	-	-	-			
Durable Ink	-	-	-	-	-			
Dipple's Embrocation	-	-	-	-	-			
E								
Eau de Luce	-	-	-	-	-			
Essence of Bergamot	-	-	-	-	-			
Coltsfoot	-	-	-	-	-			
Mustard	-	-	-	-	-			
Peppermint	-	-	-	-	-			
Spruce	-	-	-	-	-			
Essential Salt of Lemons	-	-	-	-	-			
Sorrel	-	-	-	-	-			
Eye Water	-	-	-	-	-			
Stones	-	-	-	-	-			
F								
Fisher's or Napier's Pills	-	-	-	-	-			
Friars' Balsam	-	-	-	-	-			
Fothergill's Pills	-	-	-	-	-			
G								
Godfrey's Cordial	-	-	-	-	-			
Golden Tincture	-	-	-	-	-			
Gowland's Lotion, qts.	-	-	-	-	-			
pts.	-	-	-	-	-			
½ pts.	-	-	-	-	-			
Gum Pectoral	-	-	-	-	-			
Goldbeaters' Skin	-	-	-	-	-			

	gross.	doz.	single.
H			
Haarlem Oil	-	-	-
Henry's Magnesia, large	-	-	-
middle	-	-	-
small	-	-	-
Hill's Balsam of Honey	-	-	-
Hooper's Female Pills, genuine	-	-	-
common	-	-	-
I			
Ink Powder, Walkden's	-	-	-
Black	-	-	-
Red	-	-	-
Issue Peas, Orange	-	-	-
Orris	-	-	-
Plaisters, Bowden's	-	-	-
Sandwell's	-	-	-
Itch Ointment	-	-	-
J			
James's Powders, genuine	-	-	-
common	-	-	-
Japan Ink	-	-	-
Jesuits' Drops	-	-	-
K			
Kennedy's Corn Plaister	-	-	-
Keyser's Pills	-	-	-
L			
Lemon Acid	-	-	-
Lee's (New London) Pills	-	-	-
Windham Pills	-	-	-

						gross.	doz.	single.
Lee's (S. H. P.) Pills	-	-	-	-	-			
Lip Salve	-	-	-	-	-			
Lockyer's Pills	-	-	-	-	-			
Lehman's Worm Tea	-	-	-	-	-			
M								
Mahy's Plaister Cloth, large	-	-	-	-	-			
middle	-	-	-	-	-			
small	-	-	-	-	-			
Mead's Anti-dyspeptic Pills	-	-	-	-	-			
Milk of Roses	-	-	-	-	-			
Mellen's Cough Drops	-	-	-	-	-			
N								
Nuremberg Salve	-	-	-	-	-			
O								
Opodeldoc	-	-	-	-	-			
P								
Peppermint Lozenges	-	-	-	-	-			
Preston Smelling Salts	-	-	-	-	-			
Paschall's Golden Drops	-	-	-	-	-			
R								
Riga Balsam	-	-	-	-	-			
Ryan's Sugar Plums	-	-	-	-	-			
Refined Liquorice	-	-	-	-	-			
Rawson's Itch Ointment	-	-	-	-	-			
Bitters	-	-	-	-	-			
S								
Salt of Lemons	-	-	-	-	-			
Vinegar	-	-	-	-	-			

	gross.	doz.	single.
Sel Poignant	-	-	-
Seidlitz Powders	-	-	-
Singleton's Eye Salve	-	-	-
Sodaic Powders	-	-	-
Sandwell's Issue Plaisters	-	-	-
Steer's Opodeldoc	-	-	-
Stoughton's Elixir	-	-	-
Swaim's Panacea	-	-	-
T			
Tooth Powder, Charcoal	-	-	-
Myrrh	-	-	-
Turlington's Balsam, large	-	-	-
small	-	-	-
Tolu Lozenges	-	-	-
Tripp's Balsam	-	-	-
V			
Vickars' Embrocation	-	-	-
W			
Weed's Syrup	-	-	-
Worm Tea	-	-	-
Whitehead's Essence of Mustard	-	-	-
Wormseed Oil	-	-	-
Wine Bitters	-	-	-

GLASS.

					gross.	doz.	single.
Alembics, quart	-	-	-	-			
pint	-	-	-	-			
Adapters, per lb.	-	-	-	-			
Breast Pipes, straight	-	-	-	-			
curved	-	-	-	-			
Bell Glasses,							
per lb.	-	-	-	-			
Stopped	-	-	-	-			
" "	-	-	-	-			
Bottles, square, $\frac{1}{2}$ ounce	-	-	-	-			
1 ounce	-	-	-	-			
2 ounce	-	-	-	-			
4 ounce	-	-	-	-			
8 ounce	-	-	-	-			
British Oil	-	-	-	-			
Bateman's	-	-	-	-			
Durable Inks	-	-	-	-			
Godfreys	-	-	-	-			
Opodeldocs	-	-	-	-			
Peppermints	-	-	-	-			
Soda Water	-	-	-	-			
Turlingtons	-	-	-	-			
Smelling	-	-	-	-			
moulded	-	-	-	-			
fish-tailed	-	-	-	-			
Aqua Fortis	-	-	-	-			
Carboys, 10 Gallon	-	-	-	-			
5 Gallon	-	-	-	-			
Cupping Glasses	-	-	-	-			
Demijohns, 5 Gallon	-	-	-	-			
3 ———	-	-	-	-			
2 ———	-	-	-	-			
1 ———	-	-	-	-			

	gross.	doz.	single.
Electrical Cylinders, 3 inch	-	-	-
4 —	-	-	-
5 —	-	-	-
6 —	-	-	-
8 —	-	-	-
10 —	-	-	-
Feet, per lb.	-	-	-
Supporters “	-	-	-
Handles “	-	-	-
Evaporating Dishes, <i>see Retorts</i>			
Eudiometers, plain	-	-	-
graduated	-	-	-
Eye Glasses	-	-	-
Funnels, Gallon	-	-	-
½ gallon	-	-	-
quart	-	-	-
pint	-	-	-
½ pint	-	-	-
gill	-	-	-
Globes, 1½ gallon	-	-	-
3 gallon	-	-	-
Graduated Measures, 1 oz.	-	-	-
2 oz.	-	-	-
4 oz.	-	-	-
8 oz.	-	-	-
16 oz.	-	-	-
Jars, Assay, with feet	-	-	-
without feet	-	-	-
Mattresses, <i>see Plain Retorts</i>			
Mortars and Pestles, per lb.	-	-	-
Mullers, per lb.	-	-	-
Nipple Shells	-	-	-
Nooth's Apparatus	-	-	-
Nursing Bottles	-	-	-
Proof Glasses	-	-	-

PHIALS

	WHITE.			GREEN.			WIDE-MOUTHED.		
	gross.	doz.	single.	gross.	doz.	single.	gross.	doz.	single.
16 oz.									
8 oz.									
6 oz.									
4 oz.									
2 oz.									
1 oz.									
$\frac{1}{2}$ oz.									
Drachm									
$\frac{1}{2}$ drachm									
Assorted									

RETORTS and RECEIVERS

				PLAIN.		TUBULATED.		GREEN.	
	doz.	single.		doz.	single.	doz.	single.	doz.	single.
4 Gallon	-	-	-						
2 ———	-	-	-						
1 ———	-	-	-						
$\frac{1}{2}$ ———	-	-	-						
Quart	-	-	-						
Pint	-	-	-						
$\frac{1}{2}$ pint	-	-	-						
Gill	-	-	-						

SHOP FURNITURE

				TINCTURES.		SPECIE.		SALT MOUTH	
	doz.	single.		doz.	single.	doz.	single.	doz.	single.
2 Gallon	-	-	-						
1 ———	-	-	-						
$\frac{1}{2}$ ———	-	-	-						
Quart	-	-	-						
Pint	-	-	-						
$\frac{1}{2}$ pint	-	-	-						
6 oz.	-	-	-						
4 oz.	-	-	-						
2 oz.	-	-	-						
1 oz.	-	-	-						
$\frac{1}{2}$ oz.	-	-	-						

gross. doz. single.

Smelling Bottles	-	-	-	-	-
cut Glass	-	-	-	-	-
Gold tops	-	-	-	-	-
Solid Glass rods, per lb.	-	-	-	-	-
Tubes, Barometer, per lb.	-	-	-	-	-
Lamp, straight	-	-	-	-	-
Bulbous	-	-	-	-	-
Liverpool, 1st. & 2d. size	-	-	-	-	-
3d. & 4th. size	-	-	-	-	-
Mallory	-	-	-	-	-
Safety	-	-	-	-	-
with bulb	-	-	-	-	-
Test	-	-	-	-	-
Thermometer, per lb.	-	-	-	-	-
Cane	-	-	-	-	-
Urinals, Male	-	-	-	-	-
Female	-	-	-	-	-
Wolf's Apparatus, quart	-	-	-	-	-
pint	-	-	-	-	-
QUEENSWARE JARS,					
Quart	-	-	-	-	-
Pint	-	-	-	-	-
½ pint	-	-	-	-	-
4 oz.	-	-	-	-	-
2 oz.	-	-	-	-	-
1 oz.	-	-	-	-	-
Gallipots	-	-	-	-	-

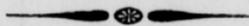
SURGEON'S INSTRUMENTS.

	doz.	single.
Amputating Instruments	-	-
Bistouries, crooked, probe pointed	-	-
sharp pointed	-	-
Straight, probe pointed	-	-
sharp pointed	-	-
Bougies, common	-	-
<i>pointed</i> Elastic	-	-
Catheters, common	-	-
Elastic	-	-
Silver, female	-	-
male	-	-
Couching Instruments	-	-
Cupping ditto	-	-
Dissecting Instruments	-	-
Double Canular	-	-
Forceps, dissecting	-	-
Dressing	-	-
Midwifery	-	-
Teeth, crooked	-	-
straight	-	-
Hawk's bill	-	-
Key, Fox's	-	-
Dorsey's	-	-
Spring	-	-
Lancets, Abscess	-	-
Evans's Crown	-	-
Common	-	-
Cupping	-	-
Gum	-	-
Spring	-	-
Silver	-	-
Plated	-	-

125. 25.

	doz.	single.
Lancet Cases, common	-	-
Morocco	-	-
Silver	-	-
Tortoise shell	-	-
Lithotomic Instruments	-	-
Mudge's Inhaler	-	-
Needles, Surgeons' crooked	-	-
Seton	-	-
large	-	-
Obstetrical Instruments	-	-
Pessaries, Gum Elastic	-	-
Silver	-	-
Cork	-	-
Pins, Silver	-	-
Pocket Instruments, No. 1.	-	-
No. 2.	-	-
No. 3.	-	-
No. 4.	-	-
No. 5.	-	-
No. 6.	-	-
Probangs	-	-
Probes, Silver needle-eyed	-	-
sharp pointed	-	-
Scalpels	-	-
Scissors, crooked	-	-
Straight	-	-
Splints, Duser's, long	-	-
Hutchinson's, short	-	-
Ditto, for Arm	-	-
Suppositories	-	-
Teeth Punches	-	-
Tenaculums	-	-
Tourniquets	-	-
Trepanning Instruments	-	-
complete	-	-
Trochars, large	-	-
small	-	-

								doz.	single.
Trochars, lancet pointed	-	-	-	-	-	-	-		
Trusses	-	-	-	-	-	-	-		
Elastic	-	-	-	-	-	-	-		
Double	-	-	-	-	-	-	-		
Ivory Pads	-	-	-	-	-	-	-		
Wooden Pads	-	-	-	-	-	-	-		
Children's	-	-	-	-	-	-	-		
Umbilical	-	-	-	-	-	-	-		
Turnkeys, common	-	-	-	-	-	-	-		
middle	-	-	-	-	-	-	-		
spring	-	-	-	-	-	-	-		



PAINTS, DYE-STUFFS, &c.

							lb.	$\frac{1}{4}$ lb.	oz.
Antwerp Blue	-	-	-	-	-	-			
Anatto	-	-	-	-	-	-			
Amber	-	-	-	-	-	-			
Archill	-	-	-	-	-	-			
Argol, or Red Tartar	-	-	-	-	-	-			
Asphaltum	-	-	-	-	-	-			
Barberry Root	-	-	-	-	-	-			
Barwood	-	-	-	-	-	-			
Black Lead	-	-	-	-	-	-			
Black Paint, ground	-	-	-	-	-	-			
Blue Black	-	-	-	-	-	-			
Brazil Wood	-	-	-	-	-	-			
Chipped	-	-	-	-	-	-			
Rasped	-	-	-	-	-	-			
Braziletto Wood	-	-	-	-	-	-			
Chipped	-	-	-	-	-	-			
Rasped	-	-	-	-	-	-			
Brown Pink	-	-	-	-	-	-			
Yellow	-	-	-	-	-	-			

	lb.	$\frac{1}{4}$ lb.	oz.
Brunswick Green	-	-	-
Bleaching Salt	-	-	-
Camwood	-	-	-
Rasped	-	-	-
Carmine, No. 1.	-	-	-
No. 2.	-	-	-
No. 3.	-	-	-
Chalk	-	-	-
China Putty	-	-	-
Chrome Yellow	-	-	-
Green	-	-	-
Cobalt Blue	-	-	-
Cochineal Black	-	-	-
Silver	-	-	-
Copperas	-	-	-
Crocus Martis	-	-	-
Crucibles, Black Lead, per No.	-	-	-
Hessian, in nests	-	-	-
small	-	-	-
Cudbear	-	-	-
Drop Lake, No. 1.	-	-	-
No. 2.	-	-	-
No. 3.	-	-	-
Dutch Metal	-	-	-
Mineral	-	-	-
Pink	-	-	-
Emery, Corn	-	-	-
Flower	-	-	-
English Pink	-	-	-
Emery Paper	-	-	-
Flake White	-	-	-
Best London	-	-	-
Frankford Black	-	-	-
French Berries	-	-	-
Green	-	-	-
Frostings, White	-	-	-
Red	-	-	-

lb. $\frac{1}{4}$ lb. oz.

Frostings, Blue	-	-	-	-
Brown	-	-	-	-
Fustic	-	-	-	-
Chipped	-	-	-	-
Rasped	-	-	-	-
Gamboge	-	-	-	-
Glass Paper	-	-	-	-
Gold Leaf, Deep	-	-	-	-
Pale	-	-	-	-
Size	-	-	-	-
Powder	-	-	-	-
Gum Anime	-	-	-	-
Copal, S. A.	-	-	-	-
E. J.	-	-	-	-
Elemi	-	-	-	-
Mastic	-	-	-	-
Sandarac	-	-	-	-
Indian Ink	-	-	-	-
Red	-	-	-	-
Yellow	-	-	-	-
Indigo, Guatemala	-	-	-	-
Bengal	-	-	-	-
2d quality	-	-	-	-
Carolina	-	-	-	-
Ivory Black, English	-	-	-	-
American	-	-	-	-
Kermes	-	-	-	-
King's Yellow	-	-	-	-
Kremnitz White	-	-	-	-
Lac, Seed	-	-	-	-
Shell	-	-	-	-
Stick	-	-	-	-
Lacquer	-	-	-	-
Lamp Black, English	-	-	-	-
American	-	-	-	-
Liquid Blue Dye	-	-	-	-
Litharge	-	-	-	-

	lb.	$\frac{1}{4}$ lb.	oz.
Litharge, Powdered	-	-	-
Logwood, Campeachy	-	-	-
Chipped	-	-	-
Rasped	-	-	-
St. Domingo	-	-	-
Chipped	-	-	-
Rasped	-	-	-
Madder	-	-	-
Crop	-	-	-
Lake (Purple)	-	-	-
(Crimson	-	-	-
Roots	-	-	-
Mineral Blue	-	-	-
Green	-	-	-
Mullers, Glass	-	-	-
Marble	-	-	-
Porphyry	-	-	-
Naples Yellow	-	-	-
New Yellow	-	-	-
Nicaragua Wood	-	-	-
Chipped	-	-	-
Rasped	-	-	-
Nitro-Muriate of Tin	-	-	-
Oil, Linseed, Raw	-	-	-
Boiled	-	-	-
Neatsfoot	-	-	-
Nut	-	-	-
Poppy	-	-	-
of Turpentine	-	-	-
Orange Mineral	-	-	-
Lead	-	-	-
Orpiment	-	-	-
Paris White	-	-	-
Patent Yellow	-	-	-
Green	-	-	-
Permanent White	-	-	-
Philadelphia Green	-	-	-

	lb.	$\frac{1}{4}$ lb.	oz.
Pink Saucers	-	-	-
Small	-	-	-
Polishing Putty	-	-	-
Prussian Blue, No. 1.	-	-	-
No. 2.	-	-	-
No. 3.	-	-	-
Purple Brown	-	-	-
Putty	-	-	-
Pumice Stone	-	-	-
Quercitron Bark, ground	-	-	-
Red Chalk	-	-	-
Red Lead, English	-	-	-
American	-	-	-
Ground	-	-	-
Roman Ochre	-	-	-
Rose Pink	-	-	-
Rosin	-	-	-
Rotten Stone	-	-	-
Royal Blue	-	-	-
Safflower	-	-	-
Saffron	-	-	-
Sand Paper	-	-	-
Sap Green	-	-	-
Scheele's Green	-	-	-
Silver Leaf	-	-	-
White	-	-	-
Slabs, Glass	-	-	-
Marble	-	-	-
Porphyry	-	-	-
Smalts, Strewing, Blue	-	-	-
Brown	-	-	-
Green	-	-	-
Red	-	-	-
Spanish Brown, English	-	-	-
American	-	-	-
Ground	-	-	-

	lb.	$\frac{1}{4}$ lb.	oz.
Stone Ochre, Oxford	-	-	-
French	-	-	-
American	-	-	-
Sumach	-	-	-
Terra de Sienna, English	-	-	-
Burnt	-	-	-
American	-	-	-
Tripoli	-	-	-
Turkey Umber	-	-	-
Burnt	-	-	-
Turpentine, White	-	-	-
Turmeric, ground	-	-	-
Ultramarine	-	-	-
Ashes	-	-	-
Vandyke Brown	-	-	-
Varnish, Amber	-	-	-
Black	-	-	-
Copal, 1st.	-	-	-
2d.	-	-	-
3d.	-	-	-
Japan	-	-	-
Mastich	-	-	-
Spirit	-	-	-
Turpentine	-	-	-
Venetian Red	-	-	-
Ground	-	-	-
Verdegris	-	-	-
Crystallized	-	-	-
Ground	-	-	-
Verditer, Blue	-	-	-
Green	-	-	-
Vermillion, Chinese	-	-	-
English	-	-	-
American	-	-	-
Weld	-	-	-
White Lead, London	-	-	-
Ground, 1st.	-	-	-

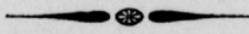
	lb.	$\frac{1}{4}$ lb.	oz.
White Lead, London, ground, 2d.	-		
3d.	-		
American	-		
Ground, 1st.			
2d.	-		
3d.			
Whiting	-		
Woad	-		
Yellow Lake	-		
- Ochre	-		
Ground	-		
WATER COLOURS—			
1 Row	-		
2 Rows	-		
3 —	-		
4 —	-		
Carmine	-		
Cobalt Blue	-		
Gamboge	-		
Lake	-		
Neutral Tint	-		
Prussian Blue	-		
Sap Green	-		
Sepia	-		
Ultramarine	-		
Vermillion	-		
TOY COLOURS—			
No. 56	-		
No. 12	-		
No. 18	-		
No. 16	-		
No. 30	-		
Wooden Boxes—			
No. 20	-		
No. 18	-		

BRUSHES—

No.	Ground Brushes.		Common Brushes.		Sash Tools.		Common Tools.	
	doz.	single.	doz.	single.	doz.	single.	doz.	single.
0000								
000								
00								
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

	gross.	doz.	single.
Badger Hair Tools	-	-	-
Camel's Hair Tools	-	-	-
Round	-	-	-
Flat in Tins	-	-	-
Camel's Hair Pencils, Best	-	-	-
Middle	-	-	-
Common	-	-	-
Swan Quills	-	-	-
— Tin	-	-	-
Miniature	-	-	-
Fitch Pencils	-	-	-
Swan quills	-	-	-
— Tin	-	-	-
Sable Pencils	-	-	-
Swan quills	-	-	-

MISCELLANEOUS ARTICLES.



Bed Pans	-	-	-	-	-
Bird Lime	-	-	-	-	-
Blacking, Liquid	-	-	-	-	-
Stick	-	-	-	-	-
in boxes	-	-	-	-	-
Bladders, Hogs'	-	-	-	-	-
Ox	-	-	-	-	-
Bolus Knives					
3 inch	-	-	-	-	-
4 —	-	-	-	-	-
5 —	-	-	-	-	-
6 —	-	-	-	-	-
7 —	-	-	-	-	-
8 —	-	-	-	-	-
9 —	-	-	-	-	-
10 —	-	-	-	-	-
11 —	-	-	-	-	-
12 —	-	-	-	-	-
Boxes Lip Salve	-	-	-	-	-
Tooth Powder, l	-	-	-	-	-
m	-	-	-	-	-
s	-	-	-	-	-
Boxes, Paper, in nests	-	-	-	-	-
Oval	-	-	-	-	-
Pill, in nests	-	-	-	-	-
Large	-	-	-	-	-
Oval	-	-	-	-	-
Andersons	-	-	-	-	-
Liquorice	-	-	-	-	-
Corks, Demijohn	-	-	-	-	-
Bottle	-	-	-	-	-
Vial	-	-	-	-	-

Fig Blue	-	-	-	-	.
Flesh Brushes, large	-	-	-	-	-
small	-	-	-	-	-
Floating Tapers, German	-	-	-	-	-
American	-	-	-	-	-
French Chalk	-	-	-	-	-
Glue, Irish	-	-	-	-	-
American	-	-	-	-	-
Glyster Pipes	-	-	-	-	-
Hair Powder	-	-	-	-	-
Ivory Syringes, Male	-	-	-	-	-
Female	-	-	-	-	-
Lamp Wicks, Large	-	-	-	-	-
Middling	-	-	-	-	-
Small	-	-	-	-	-
Medicine Chests, Complete	-	-	-	-	-
Stoppered Vials	-	-	-	-	-
Common	-	-	-	-	-
Family	-	-	-	-	-
Ship	-	-	-	-	-
Travelling	-	-	-	-	-
Marble Mortars, per inch	-	-	-	-	-
Mortars, Composition, No. 0.	-	-	-	-	-
No. 1.	-	-	-	-	-
No. 2.	-	-	-	-	-
No. 3.	-	-	-	-	-
No. 4.	-	-	-	-	-
No. 5.	-	-	-	-	-
No. 6.	-	-	-	-	-
No. 7.	-	-	-	-	-
No. 8.	-	-	-	-	-
No. 9.	-	-	-	-	-
No. 10.	-	-	-	-	-
Iron, per lb.	-	-	-	-	-
Brass	-	-	-	-	-
Palm Soap	-	-	-	-	-

Phosphorus Bottles	-	-	-	-	-
Pocket Lights	-	-	-	-	-
Matches	-	-	-	-	-
Pomatum	-	-	-	-	-
Rose Soap	-	-	-	-	-
Scales, Apothecaries', in Boxes	-	-	-	-	-
Brass	-	-	-	-	-
Copper	-	-	-	-	-
Sealing Wax, Black, No. 1.	-	-	-	-	-
No. 2.	-	-	-	-	-
No. 3.	-	-	-	-	-
Red, No. 1.	-	-	-	-	-
No. 2.	-	-	-	-	-
No. 3.	-	-	-	-	-
Sheep Skins, Large	-	-	-	-	-
Middling	-	-	-	-	-
Small	-	-	-	-	-
Sieves, Lawn	-	-	-	-	-
Box	-	-	-	-	-
Hair	-	-	-	-	-
Wire	-	-	-	-	-
Spatulas, Large	-	-	-	-	-
Small	-	-	-	-	-
Sucking Bottles, Elastic	-	-	-	-	-
Syringes, Pewter, Box, 1 pt.	-	-	-	-	-
$\frac{1}{2}$ pt.	-	-	-	-	-
$\frac{1}{2}$ pt.	-	-	-	-	-
6 oz.	-	-	-	-	-
4 oz.	-	-	-	-	-
2 oz.	-	-	-	-	-
Male, Large	-	-	-	-	-
Small	-	-	-	-	-
Female, Large	-	-	-	-	-
Small	-	-	-	-	-
Womb	-	-	-	-	-
Urethra	-	-	-	-	-
Tin Foil	-	-	-	-	-

Tooth Brushes, Silver Wire	-	-	-	-
5 Row	-	-	-	-
4 Row	-	-	-	-
3 Row	-	-	-	-
Common	-	-	-	-
Vomits, Tartar Emetic	-	-	-	-
Wafers, Black	-	-	-	-
Mixed	-	-	-	-
Red, 1st.	-	-	-	-
2d.	-	-	-	-
3d.	-	-	-	-
Wash Balls, English	-	-	-	-
American	-	-	-	-
Water, Balston	-	-	-	-
Saratoga, Qts.	-	-	-	-
Pts.	-	-	-	-
Seltzer	-	-	-	-
Soda	-	-	-	-
with Syrup	-	-	-	-
Wax Tapers	-	-	-	-
Weights, Drachm	-	-	-	-
Grain	-	-	-	-
Wilmington Clay	-	-	-	-
Windsor Soap	-	-	-	-

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 Acetate de Cuivre---Acetate of
 Copper
 de Plomb---Acetate of
 Lead
 Acide Nitreux---Nitrous Acid
 Nitrique---Nitric Acid
 Aconit---Aconitum
 Acore Vrai } Calamus Arom.
 Odorant }
 Agaric Blanc---White Agaric
 Aigremoine---Agrimony
 Ail---Garlic
 Aimant---Magnet
 Alkali Volatil Fluor---Aqua Am-
 monia
 Alcool---Alcohol
 Alleluia---Wood Sorrel (Oxalis
 Acetosella)
 Aloës---Aloes
 Alun---Alum
 Amadou---Spunk
 Amandes Douces---Sweet Almonds
 Am res---Bitter do.
 Ambregris---Ambergrise
 Amidou---Starch
 Anet---Dill
 Angelique---Angelica
 Angusture---Angustura
 Anis étoilé, or Badiane---Star Ani-
 seed
 Anis vert---Aniseed
 Anserine Anthelmintique---Cheno-
 podium Anthelminticum
 Antimoine Broyé---Pulverised An-
 timony
 Crud---Crude Antimony
 Argent Battu---Silver Leaf
 Argent Vif---Quicksilver
 Arapabaca---Spigelia Anthelmintica

Armoise---Artemisia
 Arnique---Arnica
 Arsenic Blanc---White Arsenic
 Asaret---Asarabacca
 Asphalte---Asphaltum
 Assafœtida---Assafœtida
 Aunée---Elecampane
 Avoine---Oats
 Aurone---Southernwood

B

Badiane---Star Aniseed
 Baies de Genievre---Juniper Berries
 Laurier---Laurel do.
 Nerprun---Buckthorn do.
 Sureau---Elder do.
 Balaustes---Pomegranate Tree
 Flowers
 Barbotine---Artemisia Santonica
 Bardane---Burdock
 Basilic---Sweet Basil
 Baume du Canada---Canada Bal-
 sam
 Copahu---Copaiva do.
 du Perou---Peruvian do.
 de Tolu---Balsam of Tolu
 Belladone } Belladonna
 Bouton Noir }
 Benjoin---Benzoin
 Benoite---Geum Urbanum
 Betoine---Betonica
 Beurre d'Antimoine---Butter of
 Antimony
 Blanc de Baleine---Spermaceti
 de Ceruse---White Lead
 de Craie---Whiting
 Bois Gentil---Mezereon
 Saint---Guaiaicum
 de Quassia---Quassia
 Bodruche---Goldbeater's Skin
 Bol d'Armenie---Armenian Bole
 Brinvillier---Pink Root
 Bouchons de Liège---Corks
 Bouillon Blanc---Mullein

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 d'Empois } Smalts
 d'Email }

C

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 Cacao---Cocoa
 Cachou---Catechu
 Cahout Chouc---Gum Elastic
 Cajeput (huile de)---Cajeput Oil
 Calamine---Calamine
 Calamus Aromatique---Sweet Flag
 Camomile Romaine---Roman Chamomile
 Camphre---Camphor
 Canelle---Cinnamon
 Blanche---Canella Alba
 Cantharides---Spanish Flies
 Capillaire---Maiden Hair
 Cardamome---Cardamoms
 Carthame---Safflower
 Carvi---Caraway Seeds
 Cascarille---Cascarilla
 Casse en Baton---Cassia Fistula
 (pulpe de)---Pulp of Cassia
 Cassonade---Brown Sugar
 Castoreum---Castor
 Cataire---Catnep
 Centaurée---Centaury
 Cevadille---Sebadilla Seed
 Chaux---Lime
 de Zinc---Calamine
 Chardon Beni---Blessed Thistle
 Chelidoine---Celandine
 Chervis---Hemp Seed
 Chiendent---Dogs Grass
 Ciguë---Hemlock
 Cinnabre---Cinnabar
 Cire Blanche---White Wax
 d'Espagne---Sealing Wax
 Jaune---Yellow Wax
 Citrons---Malum Citri
 Cloportes---Woodlice (Millepedes)

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 Cobalt---Cobalt
 Cochenille---Cochineal
 Cochlearia---Scurvy Grass
 Coings---Quinces
 Colchique---Colchicum
 Colle de Poisson---Isinglass
 Colle Forte---Glue
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 Coloquinte---Colocynth
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 Corail Rouge---Red Coral
 Coralline de Corse---Helminthochorton
 Coriandre---Coriander
 Corne de Cerf rapée---Hartshorn
 Shavings
 Calcinée---Calcined Hartshorn
 Couperose Blanche---White Vitriol
 Bleue---Blue do.
 Verte---Green do.
 Crème de Soufre---Milk of Sulphur
 Tartre---Cream of Tartar
 Cubébés---Cubebbs
 Cumin---Cumin Seed
 Cynoglosse---Hounds's-tongue

D

Dattes---Dates
 Diagrède---Pulverised Scammony
 Digitale---Digitalis
 Douce-Amère---Bitter-Sweet

E

Eau de Chaux---Lime Water
 de Cologne---Cologne Water
 Fleurs d'Oranger---Orange
 Flower Water
 de Goudron---Tar Water
 de Vie---Brandy
 Ecuilles d'Huitres préparées---Prepared Oyster Shells

- Ecorce de Grenade---Pomegranate Bark
 d'Orme---Elm Bark
 de Winter---Winter's Bark
 Electuaire Lenitif---Lenitive Electuary
 Electrum---Yellow Amber
 Elemi (Gomme)---Gum Elemi
 Elixir de Propriété---Elixir Proprietatis
 Vitriolique---Elixir of Vitriol
 Ellebore Blanc---White Hellebore
 Noir---Black do.
 Emplâtre Diachylon---Diachylon
 Encens Mâle---Frankincense
 Enule Campanee---Elecampane
 Eponges---Sponges
 Espèces Amères---Bitter Herbs
 Emollientes---Emollient do.
 Pectorales---Pectoral do.
 Esprit de Vin---Spirit of Wine
 Esquine---China Root
 Extrait de ciguë---Extract of Hemlock
 de Jusquiame---of Henbane
 de Quinquina---of Bark
 de Saturne---Goulard's Extract
 Euphorbe---Euphorbium
- F**
- Fenouil---Fennel Seed
 Fenugrec---Fenugreek
 Fer---Iron
 Feve de St. Ignace---St. Ignatius' Bean
 Fiel de Boeuf---Ox Gall
 Fioles---Vials
 Fleurs de Benjoin---Benzoic Acid
 Camomile---Chamomile Flowers
 Grenades---Pomegranate Flowers
 Guimauve---Marshmallow Flowers
 Lavende---Lavender Flowers
 Muscade---Mace
- Fleurs de Romarin-----Rosemary Flowers
 Soufre---Flowers of Sulphur
 Sureau---Elder Flowers
 Foie d'Antimoine---Liver of Antimony
 de Soufre---Liver of Sulphur
 Fougère Mâle---Male Fern
 Fumeterre---Fumitory
- G**
- Galanga---Galangal
 Galbanum---Galbanum
 Galles (noix de) Gall Nuts
 Garance---Madder
 Garou---Mezereon
 Gayac, Gaïac---Guaiacum
 Genevrier---Juniper
 Genseng---Ginseng
 Gentiane---Gentian
 Gerofles---Cloves
 Gingembre---Ginger
 Gomme Adrăganthe---Gum Tragacanth
 Ammoniaque---Gum Ammoniac
 Arabique---Gum Arabic
 Copal---Gum Copal
 Elastique---Gum Elastic
 Elemi---Gum Elemi
 Galbanum---Gum Galbanum
 Gayac---Gum Guaiacum
 Gutte---Gum Gamboge
 Kino---Gum Kino
 Mirrhe---Gum Myrrh
 Seraphique---Gum Sagapenum
 Tacamaque---Gum Tacamahaca
 Goudron---Tar
 Graine d'Alchiste---Canary Seed
 d'Avignon---French Berries
 de Lin---Flax seed
 de Paradis---Grains of Paradise
 de Moutarde---Mustard Seed

Grais d'Ours---Bears Oil
 de Porc---Hog's Lard
 Gruan---Oat Meal
 Guede---Wood
 Gui de Chène---Misseltoe
 Guimauve---Marshmallow

H

Hannebane---Henbane
 Hematite---Blood Stone
 Herbe au Poux---Staves Acre
 Houblon---Hops
 Huile de Cannelle---Oil of Cinnamon
 Geroffle Cloves
 d'Oeillet Poppy
 Olive Olives
 Palme---Palm Oil
 Ricin---Castor Oil
 Vitriol---Oil of Vitriol
 Hysope---Hysop

I

Iris de Florence---Orris Root

J

Joubarbe (petite)---House Leek
 Jujubes---Fruit of the Ziziphus Vulgaris
 Jus de Reglisse---Liquorice Ball
 Jusquiamme---Henbane

K

Kermès Végétal---Coccus Quercus Illicis

L

Laitue des Jardins---Garden Lettuce
 Vireuse---Wild Lettuce
 Lait---Milk
 Laurier Alexandrin---Laurus Nobilis
 Cerise---Cherry Laurel
 Lavende---Lavender
 Laque en Bâtons---Stick Lac
 Grain---Seed Lac
 Tablettes---Shell Lac
 Lichen d'Islande---Iceland Moss
 Lierre Terrestre---Ground Ivy
 Limaille de Fer---Iron Filings

Limons---Lemons
 Lin---Flax
 Litharge---Litharge

M

Macis---Mace
 Magnésie---Magnesia
 Noir---Manganese
 Mandragore---Mandrake
 Maniguette---Grains of Paradise
 Manne en Larmes---Flake Manna
 en Sortes---Manna in Sorts
 Marjolaine---Marjoram
 Marrube Blanc---Horehound
 Matricaire---Fever Few
 Mauve---Mallow
 Melisse---Balm
 Menthe Poivrée---Peppermint
 Mercure---Quicksilver
 Doux---Calomel

Miel---Honey
 Millefeuille---Yarrow
 Millepieds---Wood Lice
 Minium---Red Lead
 Moële } Marrow
 } Pith of a Tree
 Morelle Grimpante-----Solanum
 Dulcamara, Bitter Sweet
 Mouches d'Espagne---Spanish Flies
 Mousse de Corse---Corsican Wormseed
 Moutard---Mustard
 Musc---Musk
 Muscade---Nutmeg

N

Napel---Aconitum
 Napthe---Naphtha
 Neroli---Oil of Orange Flowers
 Nerprun---Buckthorn
 Noir de Fumée---Lamp Black
 Noire d'Ivoire---Ivory Black
 Noix de Galle---Nut Galls
 Muscade---Nutmeg
 Vomique---Nux Vomica

O

Oignon Marin }
 de Scille } Squills

Oliban---Olibanum
 Onguent Basilicum---Basilicon
 Onguent vésicatoire---Blistering
 Ointment
 Opium---Opium
 Orange---Orange
 Orcanette---Alcanet
 Orellane } Anatto
 Rocou }
 Orge Mondée---Hulled Barley
 Perlé---Pearl Barley
 Origan---Origanum
 Orme---Elm
 Orseille---Lichen Roccella
 Os de Sèches---Cuttle fish bone

P

Parelle---Water Dock
 Parietaria---Wall Pellitory
 Pas d'Ane---Coltsfoot
 Pastille---Lozenge
 Pastel---Wood
 Pâte de Guimauve---Althea paste
 de jujube---Jujube paste
 de Reglisse---Liquorice paste
 Patience---Water Dock
 Pavot Blanc---White Poppy
 Pavot Rouge---Red Poppy
 Petit Lait---Whey
 Petrole---Petroleum
 Phellandre---Phellandrium
 Phosphore---Phosphorus
 Phytolacque---American Night-
 shade
 Pierre Calaminaire---Calamine
 Hématite---Blood Stone
 Ponce---Pumice Stone
 Pilules---Pills
 Piment d'Inde---Cayenne Pepper
 de la Jamaïque---Allspice
 Pissenlit---Dandelion
 Pivoine---Piony, Pæonia
 Platine---Platina
 Plomb---Lead
 Carbonaté---Carb. of Lead
 Plombagine---Black Lead
 Pois à grutter---Cowage
 Poivre---Pepper
 à queue---Cubebs'
 d'Inde---Cayenne Pepper

Poivre de la Jamaïque---Allspice
 Long---Long Pepper
 Poix de Bourgoyne---Burgundy
 Pitch
 Noire---Black Pitch
 Polygala de Virginie---Seneka
 Root
 Polypode---Polypody
 Pomme épineuse---Thorn Apple
 de Terre---Potatoe
 Potasse---Potash
 Poudre à Vers---Pulverized San-
 tonicum
 Poudre aux Rats---Ratsbane, Ar-
 senic
 Pouillot---Pennyroyal
 Pyretre---Pellitory of Spain

Q

Quassie---Quassia
 Quinquina gris---Grey Peruvian
 Bark
 Jaune---Yellow do.
 Rouge---Red do.

R

Racine d'Angelique---Angelica
 Root
 d'Asarum---Asarabacca
 de Bardane---Burdock
 de Bistorte---Bistort Root
 de Colombo---Colombo
 Root
 de Guimave---Althea Root
 de Jalap---Jalap Root
 d'Ipecacuanha---Ipecac. do.
 d'Iris de Florence---Orris
 Root
 de Patience---Dock Root
 de Reglisse---Liquorice
 Root
 de Rhubarb---Rhubarb
 Root
 de Serpenteaire---Snake
 Root
 de Scille---Squills
 de Squine---China Root
 Raifort---Horse Radish
 Raisin d'Amerique---American
 Nightshade

Raisin d'Ours---Uva Ursi
 Rapure de corn de cerf---Shavings
 of Horn
 Reglisse---Liquorice
 Reglisse Noir---Liquorice Ball
 Regule de Antimoine---Regulus of
 Antimony
 Resine---Rosin
 Rhubarbe---Rhubarb
 Ricin---Ricinum
 Rigodon---factitious Storax
 Ris---Rice
 Rob de Genievre---Rob of Juniper
 de Sureau---Elder Rob
 Romarin---Rosemary
 Rose de chien---Rosa Canina
 Rouge---Red Rose

S

Sabine---Savin
 Safran---Saffron
 Bâtard---Safflower
 de Mars---Oxid of Iron
 des Métaux---Crocus of
 Antimony
 Safre---Zafre
 Sagapenum---Sagapenum
 Sagou---Sago
 Sain bois---Daphné Mèzerium
 Sain-doux---Hog's Lard
 Salep---Salop
 Salpêtre---Saltpetre, Nitre
 Salsepareille---Sarsaparilla
 Sandarac---Sandarac
 Sang-Dragon---Dragon's Blood
 Sanguine---Blood Stone
 Sang Suc---Leech
 Santal Rouge---Red Saunders
 Saponaire---Soap-wort
 Sassafras---Laurus Sassafras
 Sauge---Sage
 Saule---Willow
 Savon---Soap
 Scammonée d'Alep---Aleppo
 Scammony
 de Smyrne---Smyrna
 Scammony
 Scilles---Squills
 Sel Ammoniaque---Sal Ammoniac

Sel Cathartique amer---Epsom Salt
 Marin---Common Salt
 de Nitre---Nitre
 d'Oseille---Salt of Sorrel
 de Saturne---Sugar of Lead
 de Sedlitz---Epsom Salts
 de Seignette---Rochelle Salts
 de Tartre---Salt of Tartar
 Semen Contra---Artemisia Santon-
 ica
 Semences d'Angelique---Angelica
 Seeds
 d'Anis---Aniseed
 de Badiane---Star Ani-
 seed
 de Carvi---Caraway seed
 de Fenouil---Fennel seed
 de Jusquiame---Henbane
 seed
 de Lin---Flax seed
 de Moutarde---Mustard
 seed
 de Pavot blanc---Poppy
 heads
 Sené---Senna
 Seneka de Virginie---Seneka Snake
 Root
 Senevé---Mustard Root
 Seringues---Syringes
 Serpolet---Wild Thyme
 Serpenteaire de Virginie---Virginia
 Snake Root
 Sirops---Syrups
 Souchet des Indes---Curcuma
 Soude---Soda
 Soude Boratée---Borax
 Soufre Cru---Crude Sulphur
 (fleurs de) Flowers do.
 en Canon---Roll Brimstone
 Végétal---Lycopodium
 Sperme de Baleine---Spermaceti
 Spic, Aspic---Lavendula Spica
 Spode---Ivory Ashes
 Squille---Squills
 Squine---China Root
 Staphisaigre---Stavesacre
 Stechas---French Lavender
 Still de Grain---Dutch Pink
 Storax Calamite---Styrax Calamite

Storax en sortes---Common Styra
 Storax ou Styra Liquide---Liquid
 Styra
 Strontiane---Strontian
 Suc de Reglisse---Liquorice Ball
 Succin---Amber (Yellow)
 Sucre---Sugar
 Candy---Sugar Candy
 d'Erable---Maple Sugar
 de Plomb } Sugar of Lead
 de Saturne }
 de Lait---Sugar of Milk
 Suie---Soot
 Suif---Tallow
 Sumac---Sumach
 Sureau---Elder
 Surelle---Sorrel
 Syrup d'Orgeat---Almond Syrup

T

Tamarin---Tamarinds
 Tanésie---Tansy
 Tartre Blanc---White Tartar
 Emetique---Tartar Emetic
 Rouge---Red Tartar
 Stibié---Tartar Emetic
 Térébentine---Turpentine
 Terre d'Ombre---Umber
 Terre du Japon---Catechu
 Terre Jaune---Yellow Ochre
 Mérite---Turmeric
 Sigillée---Lemnian Earth
 Tête de Cloús---Pimento
 Thériaque de Venise---Venice
 'Treacle
 Thym---Thyme
 Thymelée---Daphne Gnidium
 Tilleul---Linden or Lime Tree
 Toque---Skull Cap
 Tormentille---Tormentilla
 Tournesol en pain---Cake of Litmus
 Treffle des Marais---Water Trefoil

Tripoli---Rotten Stone
 Turbith mineral---Turpeth mineral
 Vegetal---Turpeth Vegetal
 Tussilage---Coltsfoot
 Tutie---Tutty

V

Valeriane---Valerian
 Vanille---Vanilla
 Verdet---Verdigris
 Vernis---Varnish
 Verre d'Antimoine---Glass of An-
 timony
 Verre d'Antimoine ciré---Cerated
 glass of Antimony
 Vert de Gris---Verdegris
 Vert de Vessie---Sap Green
 Vif Argent---Quick-silver
 Vin---Wine
 Vinaigre---Vinegar
 des quatre voleurs---Vin-
 egar of the four thieves
 Vinaigre distillé---Distilled Vinegar
 Scillitique---Vinegar of
 Squills
 Vitriol Blanc---White Vitriol
 bleu }
 de Chypre } Blue Vitriol
 Romain }
 de Mars } Green Copperas
 Vert }
 Vouède } Woad
 Voide }

Y

Yeux d'Ecrevisse---Crabs Eyes

Z

Zaphre---Zafre
 Zedaire---Zedoary
 Zestes de Citron---Lemon Peels
 de'Orange---Orange Peel
 Zinc---Zinc

SPANISH INDEX.

- Acedera...Sorrel (sour dock)
 Acero...Steel
 Aceyte de Alhucema...Oil of Spike
 Almendras...Oil of Almonds
 Amapolas...Oil of Poppies
 Ambar....Oil of Amber
 Bayas de Laurel...Oil of Bayberries
 Clavos....Oil of Cloves
 Comer...Oil of Olives
 Enebro....Oil of Jumper
 Espliego...Oil of Lavender
 Ladrillos....Oil of Bricks
 Linaza—Oil of Flaxseed
 Manzanilla—Oil of Camomile
 Palo—Balsam Copaiva
 Palma Cristi—Castor Oil
 Petroleo—Oil of Petroleum
 Romero—Oil of Rosemary
 Rosas—Oil of Roses
 Saxifras—Oil of Saxifras
 Sanegal } Palm Oil
 o Palma }
 Trementina--Oil of Turpentine
 Vitriolo—Oil of Vitriol
 Achioté---Anatto
 Adormidera Blanca---White Poppy
 Acibar } Aloes
 o Aloe }
 Aconito---Aconitum
 Agallas---Galls
 Agarico---Agaric
 Agua Alquitranada---Tar Water
 de Cal---Lime Water
 Aqua Fuerte---Aqua Fortis
 Aguarras---Oil of Turpentine
 Alazar---Safflower
 Ajenjos---Wormwood
 Albayalde---White Lead
 Aleluya---Sorrel
 Alcanfor---Camphor
 Alcaravea---Caraway Seeds
 Alforva } Fenugreek Seeds
 Alholva }
 Almangne---Manna
 Almartaga---Litharge
 Almasciga---Mastich
 Almendras dulces--Sweet Almonds
 amargas---Bitter do.
 Almizcle---Musk
 Aloe Caballino---Horse Aloes
 Alquitran---Tar
 Alumbre--Alum
 de Roca---Roche Alum
 Alzalia--a Catheter
 Amomo Racemoso--Grains of Paradise
 Angelica---Angelica
 Amopola---Red Poppy
 Anil--Indigo
 Arsenico---Arsenic
 Asfalto---Asphaltum
 Atinkar---Borax
 Azafran---Saffron
 bastardo---Safflower
 Azogue---Mercury
 Azarcon---Red Lead
 Azucar de Saturno--Sugar of Lead
 Azufre---Sulphur
 Azul de Prusia---Prussian Blue
 Azufayfas---Jujubes
 B
 Bayas de Nebrinas---Juniper Berries
 Saucos---Elder Berries
 Balsamo de Copai--Balsam Copaiva

Balsamo Negro---Balsam of Peru
 Barniz---Varnish
 Beleno---Henbane
 Bermillon---Vermillion
 Barrilla---Soda
 Betun Judaico---Asphaltum
 Benjui---Benzoin
 Bolo Armenico---Armenian Bole
 Borrax---Borax
 Brazil---Brazil Wood
 Brazilete---Brazilletto Wood
 Bugallas---Galls

C

Cal---Lime
 Calamina---Calamine
 Canfor---Camphor
 Cana Fistola }
 Cassia Purgante } Cassia Fistula
 Canela---Cinnamon
 Blanca---Canella Alba
 Cantaridad---Cantharides
 Cardamomos, major }
 minor } Cardamom
 Seeds
 Caparraso---Copperas
 Cardenillo---Verdegris
 Cascaras de Ostra---Oyster Shells
 Cascarilla---Cascarilla
 Castoreo---Castor
 Cebada Perlada---Pearl Barley
 Cebolla Marina }
 Albarrana } Squills
 Cedoaria---Zedoary
 Ceguda---Hemlock
 Cenizas de Perlas }
 Clavaladas } Pearl Ashes
 Cera Amarilla---Yellow Wax
 Blanca White do.
 Cerusa---White Lead
 Chamelea---Mezereon
 Cinabrio---Cinnabar
 Chacarilla---Cascarilla
 Cinch---Zinc
 Clavas---Cloves
 Cobalto---Cobalt
 Cochehue---Anatto
 Cocolmeca---China Root
 Cochinilla---Cochineal
 Coloquintidas }
 Calabacillas } Colocynth

Colofornia---Black Rosin
 Cola---Glue
 Cola de Pescado }
 Col pez } Isinglass
 Colcotar de Vitriolo---Colcothar
 Colchico---Meadow Saffron
 Comino---Cummin Seeds
 Consueldo---Comfrey
 Contrayerba---Contrayerva
 Corteza de Naranja---Orange Peel
 Winterana }
 Magelanica } Winters
 Bark
 Quinquina---Peruvian
 Bark

Cremor Tartaro---Cream of Tartar
 Cristales de Tartaro---Cryst. of do.
 Cuerno de Ciervo---Hartshorn
 Culantrillo de Pezo---Adiantum
 Curcuma---Turmeric

D

Dictamno Albo---White Dittany
 Doronico---Leopards Bane

E

Elaterio---Elaterium
 Elixir de Propriedad }
 Compuesto de Mirra } Elixir
 Prop.
 Elleboro---Hellebore
 Emplasto de Mercurio---Mercurial
 Plaister
 Eneldo---Dill
 Enxundio de Oca---Goose fat
 Vibora---Vipers fat
 Oso---Bears fat
 Escila---Squills
 Escamonea---Scammony
 Esencia de Bergamoto---Essence of
 Bergamot
 Esmalti---Smalts
 Esmeril Emery
 Esperma de Ballena---Spermaceti
 Espliego---Lavender
 Espiritu de Nitro---Spirit of Nitre
 Vino---Spirits of Wine
 Esponga---Sponge
 Esquina---China Root
 Estoraque---Storax
 Estafuagria---Stavesacre
 Eter---Ether

Etiopie Mineral—Ethiops Mineral
 Extracto de Regaliz—Liquorice
 Ball

F

Flor de Arbol de Canela—Cassia
 Buds

Azufre—Flowers of Sulphur

Benjui do. Benzoin

Nuez de Especia—Mace

Fosforo—Phosphorus

Fresnillo—Dittany

Fustoc... Fustic

G

Galanga... Galangal

Gayuba—Uva Ursi

Genciana—Gentian

Genjibre—Ginger

Goma Amoniaco—Gum Ammoniac

Adraganta Dragant

Arabiga Arabic

Alquitira Dragant

de Enebro Juniper

de Lentisco Mastich

de Limon Elemi

de Opio Opium

Galbano Galbanum

Gutte o } Gamboge

Gutta Gamba }

Laca Lac

Grana del Paraiso—Grains of Paradise

de Jamaica—Allspice

Granza—Madder

Greda—Chalk

Grenada—Pomegranate Bark

Guayaco } Guaiacum

Gayac }

Grana de America—Cochineal

Silvestre—Wild do.

Fina—Garbled do.

H

Haba Hedionda—Cowage

Harina de Saguí—Powder Sago

Helecho—Male Fern

Higado de Azufre—Liver of Sulphur

Hinojo—Fennel Seeds

Hoblon } Hops

Hombrecillo }

Hipofaes—Buckthorn

Hoja de Oro—Gold Leaf

Plata—Silver do.

Estano—Tinfoil

Hueosos de Xibia—Cuttlefish Bone

I

Incienso—Frankincense

Jalapa—Jalap

Ipecacuana—Ipecacuanha

L

Laca en Palilos—Stick Lac

Granos—Seed do.

Tablillas—Shell do.

Lacre—Sealing Wax

Lapiz Plomo—Black Lead

Laudano Liquido—Laudanam

Leche de Almendras—Almond

Emulsion

Azufre—Milk of Sulphur

Tierra—Magnesia

Linaza—Flaxseed

Leno de Quassia—Quassia Wood

Limadura de Hierro... Iron Filings

Lirio de Florencia... Orris Root

Litarjirio... Litharge

Lupulo... Hops

Liquen Islandico... Iceland Moss

M

Madera del Brazil... Brazil Wood

Macio... Mace

Magisterio de Bismuth... Flowers of Bismuth

Malagueta... Grains of Paradise

Malvaisco... Marshmallows

Mana } Manna

Mangra }

Manteca de Antimonio... Butter of Antimony

Manzanilla } Chamomile

Magarzuella }

Marrubis... Horehound

Manteca de Puerco... Lard

Matacan }
 Mataperros } Nux Vomica
 Matalohos... Aconite
 Matalahuga... Anniseeds
 Mecereon... Mezereon
 Milpies... Millepedes
 Mercurio... Mercury
 Dulce... Calomel
 Menta... Mint
 Menta Peperita... Peppermint
 Miel... Honey
 Mineral de Roca... Borax
 Minium... Red Lead
 Mirra... Myrrh
 Mostaza... Mustard Seed
 Musco... Musk
 Musgo de Islandia... Iceland Moss

N

Napelo... Wolf's Bane
 Naranjada... Orange Peel
 Negro de Humo... Lamp Black
 Manfil... Ivory Black
 Nuez Moscada... Nutmeg
 Vomica... Nux Vomica
 Nitro... Nitre
 Vitriolato.. Vitriolated Tartar

O

Obleas... Wafers
 Ocre Roxo... Red Ochre
 Amarillo... Yellow Ochre
 Ojos de Cangrejos... Crabs Eyes
 Opio... Opium
 Olibano... Olibanum
 Opoponaco... Opopanax
 Orcanete... Alkanet
 Orellana... Anatto
 Oro Batido... Gold Leaf
 Orozuz... Liquorice Stick
 Orchilla... Archill
 Oregano... Wild Marjoram
 Oximiel... Oxymel

P

Palo de Campeche }
 Tinte } Logwood
 Santo... Guaiacum Wood

Palo Amarillo }
 Mora } Fustic
 Paparroz... Stavesacre
 Parche... Plaister
 de Cantaridas... Blistering
 Plaister
 Pasta de Almendras... Almond
 Soap
 Pelitre... Pellitory
 Peonia... Piony
 Pez de Borgona... Burgundy Pitch
 Piedras de Cangrejo... Crabs eyes
 Piedra Calamina... Calamine
 Infernal... Lunar Caustic
 Podrida... Rotten Stone
 Pomez... Pumice Stone
 Pildoras de Mercurio... Mercurial
 Pills
 Pimienta Longa o Larga... Long
 Pepper
 de Tabasca... Allspice
 de Rabo... Cubebs
 Polvos de Juanes... Red Precipitate
 Poleo... Penny Royal
 Polipodis... Polypody
 Pomado... Pomatum
 Potea... Putty
 Purga de Jalapa... Jalap
 Precipitado Blanco... White Preci-
 pitate
 Plata... Silver

Q

Quina... Peruvian Bark

R

Raiz de China
 Lirio de Florencia... Orris
 Root
 Columbo... Colombo Root
 Oro... Ipuacuanha Root
 Serpiente... Snake Root
 Regaliz... Liquorice Root
 Rasuras ce cuerno de Ciervo.. .C.
 C. Ras.
 Regaliz en Bollos } Liquorice
 Pastillas } Ball
 Resina de Palo Santo... Gum Guaiacum

Resina...Resin
 Resma...Isinglass
 Rocou...Anatto
 Romero...Rosemary
 Rubrica Fabrib...Red Chalk
 Ruda....Rue
 Ruibarbo...Rhubarb

S

Sabina...Savin
 Sagapeno....Sagapenum
 Sagu...Sago
 Sahagu...Tapioca
 Sal de Glaubero...Glauber's Salts
 Ajenjos....Salt of Worm-
 wood
 Inglaterra }
 Amarga } Epsom Salts
 Epsom }
 Plomo } Sugar of Lead
 Saturno }
 Tartaro...Salt of Tartar
 Armoniac...Sal. Ammoniac
 de Acederas....Salt of Sorrel
 Salitre....Nitre
 Salprunela...Sal Prunelle
 Sandalo Rubio...Red Saunders
 Sangre de Drago...Dragons Blood
 Santonico }
 Santolina } Wormseed
 Sasafra...Sassafras
 Semencontra...Wormseed
 Sen, Sena...Senna
 Serpentaria...Snake Root
 Simiente de Anis...Aniseed
 Alejandria.....Worm-
 seed
 Dauco...Carrot Seed
 Culantrillo....Corian-
 der Seed
 Soda, Sosa...Soda
 Sombra...Umber
 Sublimado Corrosivo....Corrosive
 Sublimate
 T
 Tafetan de Inglaterra.....Court
 Plaister

Tamarindas...Tamarinds
 Tartaro Emetico...Tartar Emetic
 Vitriolado.....Vitriolated
 Tartar
 Tierra Merita...Turmeric
 Tanaceto...Tansy
 Thomillo...Thyme
 Tinta...Ink
 Tintura de Ruibarbo...Tincture of
 Rhubarb
 Quina.....Tincture of
 Bark
 Toronjil...Balm
 Trementina...Tupentine
 Triaca de Venecia...Venice Trea-
 cle
 Turbit Mineral....Turbith Mineral
 Tutia...Tutty
 Tueras...Colocynth

U

Ule, Ulce...Indian Rubber
 Ultramar...Ultramarine
 Unguento Egipciaca...Ung. Viride
 de Mercurio...Mercurial
 Ointment
 Unas de Cangrejo...Crabs Claws

V

Vainilla, Vainica...Vanilla
 Valeriana...Valerian
 Vedegambre....White Hellebore
 Varniz...Varnish
 Velena...Henbane
 Verde Tierra....Verditer
 Vejiga...Sap Green
 Vermillon...Vermillion
 Vidrio de Antimonio....Glass of
 Antimony
 Vinagre...Vinegar
 Vino Emetico...Antimonial Wine
 Villorita...Meadow Saffron
 Vitriolo Azul }
 de Cobre } Blue Vitriol
 de Chipre }
 Vitriolo Verde }
 de Marte } Green Vitriol
 Vitriolo Blanco...White Vitriol

X
 Xeringa... A Syringe
 Xarale... Syrup

Y
 Yedra Terrestre... Ground Ivy
 Yerba buena... Mint
 Yusquianco... Henbane

Yerva Lombringuera... Tansy

Z
 Zarza Parilla }
 Zarza de Honduras } Sarsaparilla
 Zink... Zinc
 Zedoaria... Zedoary

GERMAN INDEX.

A
 Agstein---Amber
 Alant Wurtzel---Elecampane Root
 Alaun---Alum
 Aloehepatiq---Hepatic Aloes
 Althee Kraut---Altheæ Herb
 Wurtzel---Altheæ Root
 Amlung---Starch
 Ammoniack Gummi---Gum Ammo-
 niac
 Angelick Wurtzel---Angelica Root
 Angusturarinde---Angustura Bark
 Anis Saamen---Aniseed
 Arabisches Gummi---Gum Arabic
 Augen Salbel---Eye Salve
 Augen Wasser---Eye Water

B
 Badeschwamm---Sponge
 Baren Schmaltz---Bears Fat
 Barentrauben Blatter---Uva Ursi
 Baldrian Wurtzel---Valerian Root
 Basilien Salb---Basilicon
 Baumohl---Sweet Oil
 Belladonna Blatter---Belladonna
 Benedict Wurtzel---Rad. Caryo-
 phyl.
 Benzoe---Benzoin
 Blumen } Flowers of ditto
 Saure }
 Berberis Beeren---Berberries
 Bertram Wurtzel---Pellitory
 Bibergeil---Castor
 Bilsen Kraut---Henbane

Bimsemstein---Pumice Stone
 Bisam---Musk
 Bitter Saltz---Epsom Salts
 Blattel Gold---Gold Leaf
 Silber---Silver Leaf
 Blatterichte Weinstein Erd---Ter-
 ra Foliata Tartari
 Blattern Zichendes }
 Plaster } Blistering
 Plaster
 Blasenplaster }
 Bley Glatte---Litharge
 Plaster---Lead plaster
 Weiss---White Lead
 Zucker---Sugar of Lead
 Blutstein---Hæmatite
 Blutigel---Leeches
 Bockenholts---Lignum Vitæ
 Bockshorn Saamen---Fœnugreek
 Seeds
 Bolus Armenischer---Armenian
 Bole
 Brandewein Rectificirter---Spirits
 of Wine
 Braunstein---Manganese
 Brech Pulverlein }
 Weinstein } Tartar Emetic
 Brustbeerlein Rothe---Jujubes
 Brust Salb---Breast Salve
 Elixir---Paregoric Elixir

C
 Cajeputi Oehl---Cajeput Oil
 Calmenstein---Calamine
 Calmuss---Calamus

Camillen Blumen---Chamomile
Flowers
Campecheholtz---Logwood
Campher---Camphor
Canadischer Balsam---Canada Bal-
sam
Cardamomum Kleine---Cardamon
Seeds
Cardo-benedicten Kraut---Blessed
Thistle
Cascarillrinde---Cascarilla Bark
China Wurtzel---China Root
Coccionellen---Cochineal
Colombo Wurtzel---Colombo Root
Coloquinten---Colocynth
Corallen Rothe Preparirt---Prepa-
red Coral
Coriander Saamen---Coriander
Seed
Cubeben---Cubebes
Curcuma---Turmeric
Cypriſcher Vitriol---Blue Vitriol

D

Dillen Saamen---Dill Seed
Drachen Blut---Dragons Blood
Distillirter Wein Essig---Distilled
Vinegar
Doppel Saltz---Vitriolated Tartar

E

Eisen Feil---Iron Filings
Eisen Hutlein---Monkshood
Eisen Vitriol---Sal Martis
Engelsuss---Polypody
Engliſch Purgier Saltz---Epsom
Saltz
Entzian Wurtzel---Gentian Root
Erde Japanische---Catechu
Erdschierling---Hemlock
Esels Kurbs Safft---Elaterium
Essig---Vinegar

F

Farber Roth---Madder
Farn Kraut Wurtzel---Male Fern
Root
Feigen Gedorrte---Dried Figs
Fenchel Holtz---Sassafras

Fenchel Holtz Oehl---Sassafras Oil
Saamen---Fennel Seed
Fieber Rinde---Cinchona
Fingerhut Rother---Foxglove
Fischleim---Isinglass
Fischkorner---Cocculus Indicus
Fistul Cassia---Cassia Fistula
Fonugracum, Fœnugreek
Fraun Haar gemeines---Maiden hair

G

Galanga Wurtzel---Galangal Root
Galban---Galbanum
Galitzenstein---White Vitriol
Gallapffel, Galls
Gersten Gerollte---Pearl Barley
Gewurtz Nagelein---Cloves
Engliſch---Pimento
Gicht Rosen---Pæony
Gift Wurtzel---Conrayerva Root
Gilb Wurtzel---Turmeric
Glass von Speisſsglass Rothgel-
bes---Glass of Antimony
Ditto mit Wachs---Cerated do.
Glaubers Laxier Saltz---Glaubers
Salts
Gold Scheid Wasser---Aqua Regia
Granat Aepffel Schaalen---Pome-
granate Bark
Grunspan---Verdegris
Guajac Hartz---Gum Guaiacum
Gummi Gemeiner---Gum Arabic
Gutt---Gamboge
Indianischer Wohlriech-
ender---Gum Anime

H

Heffnenbein Gebrandt---Ivory Black
Heildiackel---Diachylon
Heiligholtz---Lignum Vita
Hirschhorn Gebrandt---Burnt
Hartshorn
Geraspelt---Rasped do.
Oehl---Oil of do.
Hollenstein---Lapis Infernalis
Holderbeeren---ElderBerries
Honig---Honey
Gelanterter---Clarified Ho-
ney

Hopffen---Hops
 Hufplattig---Coltsfoot
 Hypecacuana---Ipecacuanha

J

Jalappa---Jalap
 Imber }
 Ingwer } Ginger
 Johannes Blumen---St. Johns Wort
 Juden Leim }
 Pech } Asphaltum
 Islandisches Moos---Iceland Moss

K

Kinkina---Peruvian Bark
 Krahenaugen---Nux Vomica
 Krebs Augen---Crabs Eyes
 Kümmel---Cummin
 Kupfer Wasser---Copperas

L

Lack in Kornen---Seed Lac
 Lavendel Blumen---Lavender
 Oehl---Oil of do.
 Leffzen Pomade---Lip Salve
 Lein Oehl---Linseed Oil
 Saamen---Flaxseed
 Loffelkraut Spiritus---Sp. Scurvy
 Grass
 Lorbeeren---Laurel Berries
 Loewenzahn---Dandelion

M

Magen Elixir---El. Proprietatis
 Mandlen Susser Oehl---Oil of sweet
 Almonds
 Manna---Manna
 Mastix---Mastich
 Matten Kummel---Caraway seed
 Mauer Esel Preparirte---Millepe-
 des Ppt.
 Meer Zwichel Essig---Vinegar of
 Squills
 Honig---Honey do.
 Meister Wurtzel---Rad. Imperato-
 riæ
 Melissen---Balm
 Meloten Blumen---Mellilot Flow-
 ers
 Menning---Red Lead

Mercurial Salbe---Mercurial Oint-
 ment
 Mineralische Wurm Pulver---Ethi-
 ops Mineral
 Milch Zucker---Sugar of Milk
 Mohnsaft---Opium
 Muscat Bluth---Mace
 Nussen---Nutmeg
 Oehl---Do. Oil
 Myrrhen---Myrrh
 Mutter Hartz---Galbanum

N

Nagelein Oehl---Oil of Cloves
 Natter Wurtzel---Bistort
 Nuss Oehl---Nut Oil

O

Ochsen Gall, getrocknete---Dried
 Beefs Gall
 Opium---Opium
 Osterlucy Wurtzel---Birthwort
 Root
 Oelbaum Hartz---Gum Elemi
 Peruvianische Rinde---Peruv. Bark
 Paradiess Koerner---Grains of Pa-
 radise
 Pfeffer Langer---Long Pepper
 Schwarzer---Black Do.
 Weisser---White Do.
 Muntz---Peppermint
 Poley---Pennyroyal
 Pottasche---Potash

Q

Quecksilber---Mercury
 Quinquina---Peruvian Bark
 Quitten Kernen---Quince seeds

R

Rauten---Rue
 Rhabarbara---Rhubarb
 Rheinfarn---Tansey
 Rosen Blumen---Rose Leaves
 Rother Zucker---Conserve of
 Red Roses
 Wasser---Rose Water
 Rosshub---Coltsfoot
 Rothe Corallen Preparirte---Prep.
 Red Coral

Rosmarin---Rosemary
 Rother Pracipitat---Red Precipitate
 Ruh-Essentz---Laudanum
 Ruhr Rinde---Simaruba Bark

S

Safflor---Safflower
 Saffran---Saffron
 Mit Spiessglass----Crocus
 Metallorum
 Salbey---Sage
 Salmaick---Sal Ammoniac
 Spiritus---Spirits of Sal
 Ammoniac
 Salpeter---Nitre
 Geist---Spirits of Nitre
 Versuster---Sweet
 Sp. Nitre
 Taffelein---Sal Prunella
 Saltz Geist---Spirits of Salt
 Sandel Rother---Red Saunders
 Sarsaparillen---Sarsaparilla
 Sassafras Rinde---Sassafras Bark
 Holtz Oehl---Do. Oil
 Saurklee Saltz---Salt of Sorrel
 Scabiosen Blumen---Scabious Flowers
 Scammonien Aleppisch---Aleppo
 Scammony
 Schackarillen Rinde---Cascarilla
 Bark
 Scheidwasser---Aqua Fortis
 Schlangen Wurtzel---Bistort
 Schwammen---Sponge
 Gebrannte---Burnt
 Sponge
 Stein---Pumice Stone
 Schwanen Saltz---Rochelle Salts
 Schwarzer Peruvianischer Balsam---Balsam of Peru
 Schwefel---Sulphur
 Lebendiger---Sulphur Vivum
 Blumen---Flowers of Sulphur
 Schwerspath---Sulphate of Barytes
 Schwefel Balsam---Balsam of Sulphur

Schweinen Schmaltz---Hog's Lard
 Schwindel Koerner---Cubebs
 Sedlitzer Saltz---Seidlitz Salts
 Seidelbastrinde---Mezereon Bark
 Seiff---Soap
 Senff---Mustard
 Sennet Blatter---Senna Leaves
 Serapin Gummi---Sagapenum
 Sevenbaum---Savin
 Silberglatt---Litharge
 Essig---Goulard's Extract of Lead
 Simaruben Rinde---Simaruba
 Spanische Mucken---Cantharides
 Spick Oehl---Oil of Spike
 Spiessglass---Antimony
 Butter---Butter of do.
 Konig---Regulus do.
 Schweiss treibendes---
 Diaphoretic Antimony

Stangenlack---Gum Lac
 Staphis Koerner---Stavesacre
 Steinklee---Melilot
 Stein Oehl---Petroleum
 Saltz---Rock Salt
 Stern Anis---Star Anise
 Stinkender Asand---Assafetida
 Storax Auserlesener---Styrax Calamita
 Fluessiger---Liquid Styrax
 Sublimat Corrosivischer---Corrosive Sublimate
 Versuster---Calomel
 Sussholtz---Liquorice Root
 Safft Spanischer---Spanish
 Liquorice

T

Tamarinden---Tamarinds
 Tausendgulden Bluemlein---Centauria Flowers
 Terbentin---Turpentine
 Oehl---Spirits of do.
 Venetianischer... Venice
 Turpentine
 Teuffels Dreck... Assafetida
 Tormentill Wurtzel... Tormentilla
 Root

Tragant... Gum Dragant
Tutien Preparirte... Prepared Putty

V

Vegetalisch Saltz... Soluble Tartar
Venus Haar... Adiantum
Virginische Natter Wurtzel... Virginia Snake Root
Vitriol Blauer... Blue Vitriol
Von Eisen... Green do.
Oehl... Oil of Vitriol
Spiritus... Spirit of do.
Weisser... White Vitriol
Vogelnest Saamen... Carrot Seed

W

Wachholder Gummi... Gum Sandarac
Beeren..... Juniper Berries
Oehl... Juniper Oil
Wachs Gelb... Yellow Wax
Weiss... White do.
Wallrath... Spermaceti
Wallwurtzel... Comfrey Root
Wasser Fenchel Saamen... Phellandrium Aquaticum
Wasser Melonen Kernen... Water Melon Seeds
Weinstein Crystallisirt... White Tartar
Preparirt mit Stahl... Chalybeate Tartar
Saltz... Salt of Tartar
Vitriolirter... Vitriolated Tartar
Weisses Pulver..... Cream of Tartar
Weiss nichts... Calamine

Weiss nichts Salbel... Calamine Ointment

Wermuth Oehl... Oil of Wormwood
Weyrauch... Olibanum

Weisser Indianischer Balsam... Balsam Copaiva
Peruvianischer Balsam... Balsam of Tolu
Andorn... Horehound
Arsenik... White Arsenic
Kreider Preparirte... Prepared Chalk
Pracipitat... White Precipitate
Zimemet... Canella Alba

Weiss Fishbein... Ossa Sepia
Vitriol Oehl... Oil of Vitriol

Magsaamen Kopff... White Poppy Heads

Weisse Hartz... White Rosin
Magnesia... Magnesia
Niess Wurtzel... White Hellebore Root

Weissmuth... Bismuth
Wolverly Bluth... Flor. Arnicae
Wurm Saamen... Wormseed
Moos... Helminthochorton

Z

Zaunruber... Bryony
Zeichdiackel... Gum Diachylon
Zimmet Oehl... Oil of Cinnamon
Rinde... Cinnamon
Wasser... Cinnamon Water
Zinnober... Cinnabar
Zittwer Wurtzel... Zedoary
Zinn... Tin
Zitronenmelisse... Balm.

TABLES, &c.

*
TABLE I.

For converting Cubic Inches of Water, (at 60 Therm. and 29.5 Bar.)
into their equivalents in Troy weight.

Cubic inch of Water	Troy grs.	oz.	drachm	grs.
1 weigths	252.506	= 0	: 4	: 12.506
2	505.012	= 1	: 0	: 25.012
3	757.518	= 1	: 4	: 37.518
4	1010.024	= 2	: 0	: 50.024
5	1262.530	= 2	: 5	: 2.530
6	1515.036	= 3	: 1	: 15.036
7	1767.542	= 3	: 5	: 27.542
8	2020.048	= 4	: 1	: 40.048
9	2272.554	= 4	: 5	: 52.554
1728 (1 cubic foot)	—————	909	: 0	: 10.368

TABLE II.

For converting Troy Grains, Drachms, Ounces, and Pounds of Water
into their equivalent Cubic Inches.

Grains.	Cubic Inch.	Drachm.	Cubic Inch.
1 =	.00396	1 =	.237618
2 =	.00792	2 =	.475236
3 =	.01188	3 =	.712854
4 =	.01584	4 =	.950472
5 =	.01980	5 =	1.188090
6 =	.02376	6 =	1.425708
7 =	.02772	7 =	1.663326
8 =	.03168		
9 =	.03564		
Ounce.	Cubic Inch.	Pound.	Cubic Inch.
1 =	1.900945	1 =	22.81134
2 =	3.801890	2 =	45.62268
3 =	5.702835	3 =	68.43402
4 =	7.603780	4 =	91.24536
5 =	9.504725	5 =	114.05670
6 =	11.405670	6 =	136.86804
7 =	13.306615	7 =	159.67938
8 =	15.207560	8 =	182.49072
9 =	17.108505	9 =	205.30206
10 =	19.009450		
11 =	20.910395		

TABLE III.

For converting Wine Pints of Water into their equivalent Troy and Avoirdupois Pounds.

Wine Pints.	lbs. Troy.	lbs.	oz.	dr.	grs.	lbs. Avoirdup.
1 =	1.26581783 =	1	:	3	:	1 : 31.1 = 1.04158725
2 =	2.53163566 =	2	:	6	:	3 : 2.2 = 2.08317450
3 =	3.79745349 =	3	:	9	:	4 : 33.3 = 3.12476175
4 =	5.06327132 =	5	:	0	:	6 : 4.4 = 4.16634900
5 =	6.32908915 =	6	:	3	:	7 : 35.5 = 5.20793625
6 =	7.59490698 =	7	:	7	:	1 : 6.6 = 6.24952350
7 =	8.86072481 =	8	:	10	:	2 : 37.7 = 7.29111075
8 =	10.12654264 =	10	:	1	:	4 : 8.8 = 8.33269800
9 =	11.39236047 =	11	:	4	:	5 : 39.9 = 9.37428525

TABLE IV.

For converting Troy Pounds of Water into their equivalent Wine Pints.

Troy Pounds.	Wine Pints.	Troy Pounds.	Wine Pints.
1 =	0.7900031	6 =	4.7400186
2 =	1.5800062	7 =	5.5300217
3 =	2.3700093	8 =	6.3200248
4 =	3.1600124	9 =	7.1100279
5 =	3.9500155		

TABLE V.

For converting Avoirdupois Pounds into their equivalent Troy Pounds:

lbs. Avoird.	lbs. Troy.	lbs. Avoird.	lbs. Troy.
1 =	1.215277	6 =	7.291666
2 =	2.430555	7 =	8.506944
3 =	3.645833	8 =	9.722222
4 =	4.861111	9 =	10.937500
5 =	6.076388		

TABLE VI.

For converting Troy Pounds into their equivalent Avoirdupois Pounds.

lbs. Troy.	lbs. Avoirdup.	lbs. Troy.	lbs. Avoirdup.
1 =	0.82285714	6 =	4.93714285
2 =	1.64571428	7 =	5.76000000
3 =	2.46857142	8 =	6.58285714
4 =	3.29142857	9 =	7.40571428
5 =	4.11428571		

TABLE VII.

For converting Ounces, Drachms, and Grains Troy into Decimals of the Troy Pound.

Grains.	lbs. Troy.	Drachms.	lbs. Troy.	oz.	lbs. Troy.
1 =	.000173611	1 =	.0104166	1 =	.0833
2 =	.000347222	2 =	.0208333	2 =	.1666
3 =	.000520833	3 =	.0312500	3 =	.2500
4 =	.000694444	4 =	.0416666	4 =	.3333
5 =	.000868055	5 =	.0520833	5 =	.4166
6 =	.001041666	6 =	.0625000	6 =	.5000
7 =	.001215277	7 =	.0729166	7 =	.5833
8 =	.001388888			8 =	.6666
9 =	.001562500			9 =	.7500
				10 =	.8333
				11 =	.9166

TABLE VIII.

TABLE of the specific gravities of substances, which are articles of the *Materia Medica*, at a temperature of 60° Fahrenheit.

METALS AND INFLAMMABLES.		SALINE SUBSTANCES.	
Mercury	- - - 13.545	Sulphuric acid	- 1.885
Sulphuret of Mercury	- 10.000	Nitric acid	- - 1.500
Lead	- - - 11.352	Muriatic	- - 1.194
Silver	- - - 10.510	Acetic	- - 1.168
Bismuth	- - - 9.822	Vinegar	- 1.0135 to 1.0251
Copper	- - - 8.895	Distilled Vinegar	1.007 to 1.0095
Arsenic	- - - 8.310	Citric acid	- - 1.0345
Sulphuret of arsenic (red)	3.225	Benzoic	- - 0.667
(yellow)	5.315	Ammonia (liquid)	- 0.760
Iron	- - - 7.788	Potash	- - 1.7085
Sulphuret of Iron	- 4.513	Soda	- - 1.336
Tin	- - - 7.299	Lime	- - 2.3908
Zinc	- - - 6.861	Magnesia	- - 2.3298
Manganese	- - - 6.850	Barytes	- - 4.000
Antimony	- - - 6.712	Alumina	- - 2.000
Sulphuret of Antimony	4.368	Sulphate of potash	- 2.298
Sulphur	- - - 1.990	soda	- 2.246
Charcoals	- 0.223 to 1.525	magnesia	1.6603
Bitumens	- 0.892 to 1.357	Alum	- 1.719

Nitrate of potash	-	1.933
Muriate of soda	-	2.120
— ammonia	-	1.453
— lime	-	1.76
Muriate of barytes	-	2.8257
Phosphate of soda	-	1.338
Acetate of potash	-	2.1—?
Tartrate of potash	-	1.5567
Tartrate of potash & soda	-	1.757
Supertartrate of potash	-	1.953
Carbonate of potash	-	2.012
— soda	-	1.421
— ammonia	-	0.966
— lime	-	2.7
— magnesia	-	0.2941
— barytes	-	4.331
Sub-borate of soda	-	1.720

METALLIC SALTS.

Mercury, corrosive muriate	-	5.1398
of	-	-
— mild muriate	-	7.1758
— subsulphate	-	6.444
Copper, sulphate of	-	2.1943
— acetate	-	1.779
Iron, sulphate of	-	1.880
— carbonate	-	3.333
— acetate	-	1.368
Lead, coarbonate of	-	7.2357
— superacetate	-	2.345
Zinc, sulphate of	-	1.912

VEGETABLE SUBSTANCES AND PRODUCTIONS.

Cinchona Bark	-	0.7840
Logwood	-	0.9130
Madder root	-	0.7650
Mahogany	-	1.0630
Sed saunders	-	1.1280
Sassafras	-	0.4820
Gum arabic	-	1.5153
Hepatic aloes	-	1.3586
Socotrine aloes	-	1.3796
Amber (yellow)	-	1.0780
Ammoniacum	-	1.2071
Assafœtida	-	1.3275
Benzoin	-	1.0924
Camphor	-	0.9887
Catechu	-	1.4573
Elemi	-	1.0682

Euphorbium	-	1.1244
Galbanum	-	1.2120
Galipot	-	1.0819
Gamboge	-	1.2216
Honey	-	1.1390
Myrrh	-	1.3600
Olibanum	-	1.1732
Opium	-	1.3365
Opoponax	-	1.6226
Resin (common)	-	1.0727
Sagapenum	-	1.2008
Scammony (Aleppo)	-	1.2354
— (Smyrna)	-	1.2743
Storax	-	1.1098
Sugar (refined)	-	1.6060
Tragacanth	-	1.8161
Turpentine	-	0.991
Wax (yellow)	-	0.9648
— (white)	-	0.9686

FATS AND OILS.

Fat of beef	-	0.9232
— mutton	-	0.9235
— pork	-	0.9368
Tallow	-	0.9419
Butter	-	0.9423
Spermaceti	-	0.9433
Oil of linseed	-	0.9403
— olives	-	0.9153
— almonds	-	0.9170
Naphtha	-	0.8475
Oil of cinnamon	-	1.044
— cloves	-	1.036
— lavender	-	1.894
— mint	-	0.8982
— rosemary	-	0.9057
— chamomile	-	0.8943
— savine	-	0.9294
— carraway	-	0.9049
— aniseed	-	0.9867
— juniper	-	0.8577
— turpentine	-	0.8697
— amber	-	0.8867
Sulphuric ether	-	0.632
Nitric ether	-	0.9088
Alcohol	-	0.794
Proof spirit	-	0.916
Water, distilled	-	1.000

TABLE IX.

SYNOPTICAL TABLE of the distinctive Characters of the Acids employed in Medicine.

Heated in close vessels
*
Vitrify without decomposing or subliming,
†
Calcined with charcoal
‡
Is not decomposed,
1
BORACIC ACID,
‡
Is decomposed, and yields phosphorus, which burns in the air,
2
PHOSPHORIC ACID,
Gives with lime water a white flocculent precipitate, which dissolves without effervescence in nitric acid.

**
Volatilize without decomposing
†
Precipitate barytic water
‡
Yield no precipitate with hydro-sulphuric acid
§
Does not precipitate lime water,
3
SULPHURIC ACID,
Heated with charcoal is decomposed, and disengages vapours of sulphureous acid.

§§
Precipitates Lime water,
4
CARBONIC ACID,
In the state of gas, extinguishes burning bodies without taking fire.
‡‡
Form a yellow precipitate with hydro-sulphuric acid. When heated with charcoal

§
It is disengaged without decomposition,
5

SULPHUREOUS ACID,
Its odour is characteristic.

§§

Is decomposed, and yields metallic arsenic, which sublimes,

6

ARSENIUS ACID,

Precipitates sulphate of copper, green; and nitrate of silver, yellow.

††

Do not precipitate barytic water,

‡

Are not decomposed by chlorine,

||

Is decomposed in the cold by copper, and yields red vapours,

7

NITRIC ACID,

Is changed into nitrous acid by all bodies greedy of oxygen.

|||

Are not decomposed by copper,

¶

Precipitates nitrate of silver,

8

HYDROCHLORIC ACID,

The precipitate formed by nitrate of silver is white, insoluble in nitric acid, and soluble in ammonia.

¶

Does not precipitate nitrate of silver,

9

ACETIC ACID,

Its odour is characteristic.

‡‡

Are decomposed by chlorine; and yield

||

Cyanogen, which unites with the chlorine and forms a peculiar acid soluble in water,

10

HYDRO-CYANIC ACID,

Characteristic odour: when an iron wire is plunged into it in contact with the air, prussian blue is formed.

|||

Sulphur, which is precipitated,

11

HYDRO-SULPHURIC ACID.

Characteristic odour. Precipitates the salts of silver, mercury, and bismuth, black.

Are volatilized in part, and decomposed in part,

†

Precipitate lime water,

‡

The precipitate re-dissolves in a small excess of acid,

12

GALLIC ACID,

Precipitates the deuto and trito salts of iron.

‡‡

The precipitate does not re-dissolve in an excess of acid,

13

OXALIC ACID,

Precipitates sulphate of lime white.

††

Does not precipitate lime water,

14

BENZOIC ACID,

Its odour when heated characteristic.

Are decomposed without being volatilized,

†

Precipitates lime water when it is in excess,

15

TARTARIC ACID,

Precipitates the solutions of potass and soda when they are concentrated and in excess.

††

Does not form a precipitate with an excess of lime water,

16

CITRIC ACID,

Never precipitates the alkaline solutions.

TABLE X.

SYNOPTICAL TABLE of the Salts employed in Medicine considered in relation to their acid.

Salts, which with sulphuric acid,

*

Effervesce, and

†

Disengage a colourless transparent gas, of a very feeble but slightly pungent odour,

1

CARBONATES,

Heated, part are decomposed and others lose their acid wholly or in part. The carbonates of potass, soda and ammonia are the only ones soluble in water, but most of the others are soluble in an excess of carbonic acid. All the acids except the hydrosulphuric and the hydroselenic decompose them.

††

Disengage a colourless gas, with a very strong odour similar to that of rotten eggs,

2

HYDROSULPHATES,

Heated, are decomposed ; sometimes the acid is disengaged ; at others it is decomposed and forms a metallic sulphuret. Those with an alkaline base, and a very small number of the others, are soluble in water ; their taste is acrid and bitter, and they yield an odour like that of rotten eggs, especially when moist. Chlorine and the acids, except the weakest, such as the carbonic acid, decompose them. Dissolved in water, they give an orange precipitate with the salts of antimony, black with those of iron, bismuth, silver, copper, lead, &c. and yellow with those of arsenic. The sulphuretted hydro sulphates deposit the sulphur when they are decomposed by an acid.

†††

Disengage a colourless gas having the smell of burning sulphur.

3

SULPHITES,

Are decomposed by fire. Exposed to the air, are gradually changed into sulphates, the greater part insoluble in water.

††††

Disengage coloured vapours,

†

Of an orange red hue,

4

HYPO-NITRITES,

In the air are changed into nitrates, soluble in water.

††

Of a purple hue,

5

HYDRIODATES,

Heated, are changed into iodurets. Are soluble in water ; are not decomposed at the common temperature by hydro-chloric acid. Form with most of the salts of last three sections insoluble iodurets. The ioduret of silver is white and insoluble in ammonia.

†††††

Disengage white pungent vapours,

†

Which dissolve in a very small quantity of water, without decomposition,

6

HYDROCHLORATES,

Heated some abandon their acid, others are changed into chlorides. The greater part dissolve in water. They form with nitrate of silver a white curdled precipitate, insoluble in nitric acid, and soluble in ammonia.

††

Dissolve in water, and deposit white flakes,

7

FLUATES,

Are not employed in medicine.

**

Do not effervesce, but

†

Spread light white vapours,

8

NITRATES,

Are decomposed at a high temperature, and the acid in part changed into red orange coloured nitrous acid ; melt on burning coals ; are soluble in water or in a small excess of acid.

††

Spread a strong odour of vinegar,

9

ACETATES,

Are decomposed by the action of heat, and yield acetic acid, pyroacetic spirits, &c. and leave the base in the state of metal, oxyd, or carbonate. They dissolve in water, and are decomposed by all the strong acids.

†††

Spread a strong odour of bitter almonds,

10

HYDROCYANATES,

Heated, they are changed into cyanurets, or are completely decomposed. Those with an alkaline or earthy base are more or less soluble in water. They precipitate the trito salts of iron of a deep blue.

††††

Spread no particular vapour or odour ; when heated,

†

They yield carbonic acid, oil, and other products, furnished by the decomposition of vegetables ; the precipitate which they form with lime water

||

Re-dissolves in a small excess of acid,

11

TARTRATES,

Some are soluble in water, the others become so by the addition of a small quantity of acid, or of tartrate of potash, of soda, or of ammonia ; they are decomposed by the very strong acids, and precipitate the salts of barytes, strontia, &c.

||

Is insoluble in a small excess of acid,

12

OXALATES,

Some are soluble in water, when neutral, but less soluble in an excess of acid ; the rest are insoluble, or only soluble in an excess of acid. They precipitate the salts of baryta, zinc, lead, mercury, antimony, &c. of a white colour.

††

Do not give these products,

Are not precipitated by nitric acid. || The precipitate which they form
with barytic water

¶
Is insoluble in nitric acid,

13

SULPHATES,

Some are decomposed by heat, the others are not. Calcined with charcoal, they are changed into metallic or alkaline sulphurets. Some are soluble, the others are not. They precipitate the salts of lead white.

¶¶
Is soluble in nitric acid,

14

PHOSPHATES,

Calcined, they vitrify; calcined with charcoal, they are changed into subphosphate with a great excess of base, and yield phosphorus, or are changed into metallic phosphurets. Those of Potash and soda are the only ones readily soluble in water. The insoluble phosphates dissolve in an excess of acid, and are all transformed into acid phosphates by the strong acids.

Form a white precipitate with nitric acid: calcined with charcoal

¶
They yield metallic arsenic,

15

ARSENIATES,

Heated, the acid is either entirely volatilized, or partly decomposed, metallic arsenic subliming. Precipitate sulphate of copper, green.

¶¶
Are not decomposed,

16

BORATES,

Calcined, are not decomposed, but vitrified.

TABLE XI.

SYNOPTICAL TABLE of the distinctive Characters of the Salts employed
in Medicine, in relation to their Base.

*
Salts which do not precipitate pure hydrosulphuret of potash,

†
Are not precipitated by ammonia,

‡
Are not precipitated by subcarbonate of potash,

§
Triturated with quicklime do not disengage ammonia,

||
Precipitated yellow by hydrochlorate of platinum,
1

POTASSA.

Almost all are very soluble in water; a great number crystallize with difficulty. When a concentrated solution of sulphate of alumine is poured into the solution, octahedral crystals of alum form. Tartaric acid in like manner forms a gritty deposit of cream of tartar.

|| ||
Are not precipitated by hydrochlorate of platinum,
2

SODA,

Are in general more soluble and crystallize more easily than the salts of potassa: do not form alum with sulphate of alumine, nor a precipitate with tartaric acid. The salts of potash and soda may be distinguished from those of rhodium by the addition of a little potassa, which does not affect their transparency, while it forms a yellow precipitate with the latter.

§ §
Triturated with quicklime, ammonia is disengaged,
3

AMMONIA,

Are very soluble in water, form alum with sulphate of alumine, and a yellow precipitate with hydrochlorate of platinum,

† †
Form a white precipitate with subcarbonate of potash; the precipitate,
at a red heat,

§
Is decomposed and gives an alkali; which, when dissolved in a small
quantity of water,

||
Is not precipitated by sulphuric acid,
4

LIME,

A small number only, soluble in water: form a white precipitate with oxalic acid, oxalate of ammonia, the sulphates, &c.

|| ||
Is precipitated by sulphuric acid,
5

STRONTIA,

Are in general more soluble than the salts of barytes; are not precipitated by succinate of ammonia, and impart a purple colour to flame.

§ §
Is not decomposed, and does not become soluble in water,
6

BARYTA,

The greater part are insoluble; form with sulphuric acid and the sulphates, a white precipitate insoluble in nitric acid; are precipitated by succinate of ammonia, and do not tinge flame with a purple colour.

Are precipitated by ammonia; the precipitate treated with boiling
alcohol

Does not dissolve,

7

MAGNESIA,

The greater part are soluble in water, and easily crystallize; ammonia precipitates only a part of the magnesia, and forms with the rest a triple salt, which is precipitated by potassa. They are distinguished from the salts of glucina and yttria, by the insolubility of the precipitate which is formed by sub-carbonate of potassa in an excess of that salt; the precipitate formed with these last being soluble in that precipitant.

Re-dissolves—the solution gives by evaporation

Crystals, which, by the action of nitric acid,

Assume a beautiful red colour; this solution is precipitated by the proto-hydrochlorate of tin,

Of a dirty brown colour,

8

MORPHIA.

The greater part of the salts of morphia are soluble in water and crystallizable: morphia, when heated, melts and cools into a transparent and radiated mass: heated more strongly, it decomposes.

Of a violet colour,

9

BRUCINE,

Are all soluble in water; the greater part crystallizable; the acetate is an exception. Brucine, when heated, melts and decomposes.

Do not change colour, or only become yellow; and which, when heated,

Are decomposed, without melting or volatilizing,
Treated with ether,

Scarcely dissolve,

10

STRYCHNINE,

The greater part are soluble and easily crystallize. Strychnine becomes red by the addition of nitric acid, only when it contains brucine.

Dissolve readily,

11

PICROTOXINE,

All have an excess of acid—Scarcely known.

O

¶ ¶
Are decomposed in part and volatilized in part, without melting,

12

CINCHONINE,

Some are soluble and others insoluble; the acetate does not crystallize; their solution is precipitated by the oxalates and alkaline tartrates; the solution of the nitrate, gently evaporated, yields oily drops which congeal like wax, by cooling, and which, when covered with a small quantity of water, do not dissolve, but are converted, at the end of several days, into a groupe of prismatic crystals.

§ §

A white incrySTALLIZABLE powder or mass, which is

||

Soluble in ether, and forms with acids, salts which are

¶

Crystallizable,

13

QUININE.

The acetate crystallizes easily in silky crystals; the nitrate acts like that of cinchonine, which may distinguish the salts of these two bases from those of all the other organic alkalies. The soluble salts of quinine are also precipitated by the oxalates and alkaline tartrates.

¶ ¶

IncrySTALLIZABLE,

14

VERATRINE.

15

DELPHINE.

But little known.

|| |

Insoluble or nearly so in ether, and which, when heated,

¶

Melt at $118\frac{1}{2}^{\circ}$ Fahrenheit,

16

EMETINE,

Are all acid and soluble in water; are not precipitated by the oxalates and alkaline tartrates.

¶

Do not melt but at above 212° Fahrenheit,

17

SOLANINE.

Little known,

* *

Salts which are decomposed by hydro-sulphate of potassa, and thus yield

†

A white precipitate :

‡

They are not precipitated by hydro-sulphuric acid,

18

ALUMINA.

The greater part are soluble, but do not easily crystallize. They are

not precipitated by oxalate of ammonia, and by tartaric acid like those of yttria; and they give with potassa a white precipitate, soluble in an excess of that re-agent, which distinguishes them from the salts of zirconia.

‡‡

Are precipitated of a white colour by hydro-sulphuric acid.

19

ZINC.

The greater part are soluble; they are precipitated of a white colour by the alcalies and the ferro-hydro-cyanate of potassa; infusion of nut galls does not precipitate them.

††

A black precipitate,

‡

They are not decomposed by contact with a plate of copper, and give, with ferro-hydro-cyanate of potassa, a precipitate

§

Of a deep blue colour, or which becomes so by contact with the air,

20

IRON.

The greater part are soluble, of a green or reddish yellow colour. Potassa produces a white, green, or red precipitate, according as they are formed by the proto, deuto, or peroxide. But, in all cases, the precipitate becomes red by the action of the air; they are precipitated of a black or violet colour by nut galls, white by phosphate of soda, and yellow by benzoate of ammonia.

§§

Of a white colour; with the infusion of nut galls they give a precipitate

¶

Of a white colour,

21

LEAD.

The greater number only dissolves in water containing an excess of acid; potassa forms a white, and the chromates a yellow precipitate; they are decomposed by contact with metallic zinc, which precipitates the lead in a metallic state.

¶¶

Of an orange colour,

22

BISMUTH.

Water and potassa form a white precipitate; those with an excess of base are insoluble.

§§§

Of a crimson or brown colour,

23

COPPER.

The greater number are soluble; their solution is green or blue; potassa forms a blue, nut-galls a brown, and arseniate of potassa a grass green precipitate. Iron decomposes them and precipitates metallic copper.

††

Are decomposed by contact with a plate of copper, and give with infusion of nut-galls,

§
An orange yellow precipitate,
24

MERCURY.

The greater number of those which are soluble has an excess of acid; those formed by the protoxide form a black precipitate with potassa, white with hydrochloric acid, and orange-red with the chromates; those formed by the deutoxide form a yellow precipitate with potassa, white with ferro-hydro-cyanate of potassa, and are not precipitated by the hydro-chlorates. Copper revives the mercury.

§§
A brownish-yellow precipitate,
25

SILVER.

The greater part are insoluble; they are precipitated of an orange colour by potassa, yellow by the phosphates, and white by the hydro-chlorates and ferro-hydro-cyanate of potassa; protosulphate of iron, metallic copper &c. precipitate metallic silver.

§§§
A brown precipitate,
26

GOLD,

Soluble and colour the water yellow; form a brown precipitate with potassa, white or yellowish white with ferro-hydro-cyanate of potassa, and purple with a diluted solution of proto-hydro-chlorate of tin; gallic acid colours them green, and precipitates the metallic gold in the form of a brown powder.

†††
An orange precipitate,
27

ANTIMONY.

Solution of potassa forms a white precipitate which it re-dissolves; nut-galls throw down a yellowish white precipitate; iron and zinc precipitate the metal in the form of a black powder; when with a double base, they are decomposed by water.

††††
A yellow or chocolate coloured precipitate.
28

TIN.

The protosalts are gradually decomposed by the action of the air; the hydro-sulphates throw down a brown chocolate coloured precipitate; those formed by the deutoxide are unalterable in the air, and are precipitated yellow by the hydro-sulphates; potassa and ferro-hydro-cyanate of potassa form a white, and cochineal a red, precipitate.

N. B. The salts formed by the metallic acids are not referred to in this table. If the salt we wish to examine be insoluble, it must be reduced to powder and boiled with ten or twelve parts of water, and three or four of subcarbonate of potassa; it is thus changed, in part, into a carbonate, which must be washed and then dissolved in nitric acid.

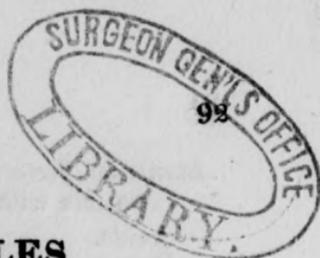


TABLE XII.

TABLE OF INCOMPATIBLES.

Acidum Citricum, incompatible with

Alkalies.
Alkaline Solutions.
—— Sulphates.
—— Carbonates.
—— Tartrates.

Soaps.
Earthy Carbonates.
Acetates.
Metallic Carbonates.

Acidum Muriaticum, with

Alkalies.
Tartrate of Potass.
Sulphuret of Potass.
Most Earths.
—— Oxides.
—— Carbonates of the incompatible oxides.
Tartarized Antimony.
Tartrate of Iron.
Nitrate of Silver.
Solution of Subacetate of Lead.

Acidum Nitricum, with

Alkalies.
Carbonates of Alkalies.
Acetates of Alkalies.
Earths.
Metals, except Platina & Gold.
Oxides.
Sulphate of Iron.
Solution of Acetate of Lead.
Sulphurets.
Charcoal.
Phosphorus.
Sugar.
Alcohol and spirits.

Acidum Sulphuricum with

Alkalies.
Alkaline Carbonates.
Some earths.

Some Earthy Carbonates.
Solution of Muriate of Lime.
Barytic Salts,
Most Metals.
—— Oxides of Metals.
Solution of Acetate of Lead.

Acidum Tartaricum, with

Alkalies.
Carbonates of Alkalies.
Salts of Potass.
Most Earths.
—— Carbonates of Earths.
Salts of Lime.
—— Lead.

Ammonix Liquor, with

All Acids.
Saline Solutions of most Earths and Metals, except Barytes or Lime.

Ammonix Subcarbonas, with

Acids.
Potass.
Soda.
Subcarbonate of Soda.
—— Potass.
Supersulphate of Potass.
Supertartrate of Potass.
Lime.
—— Water.
Solution of Muriate of Lime.
Magnesia.
Sulphate of Magnesia.
Alum.
Solutions of Iron, except of Tartarized Iron.
Sulphate of Iron.
—— Zinc.
Oxymuriate of Mercury.
Acetate of Lead.
Subacetate of Lead.

Ammonia Acetatis Liquor, incompatible with

Acids.
 Potass.
 Soda.
 Subcarbonate of Potass.
 _____ Soda.
 Lime Water.
 Magnesia.
 Sulphate of Magnesia.
 Oxymuriate of Mercury. . .
 Sulphate of Iron.
 _____ Copper.
 _____ Zinc.
 Nitrate of Silver.
 Acetate of Lead.
 Subacetate of Lead.

Potassæ Subcarbonas, with

Acids.
 Acidulous Salts.
 Muriate of Ammonia.
 Acetate of Ammonia.
 Lime Water.
 Muriate of Lime.
 Sulphate of Magnesia.
 Alum.
 Tartarized Antimony.
 Nitrate of Silver.
 Ammoniated Copper.
 _____ Iron.
 Tincture of Ammoniated Iron.
 _____ Muriated Iron.
 Sulphate of Zinc.
 Calomel.
 Corrosive Sublimate.
 Acetate of Lead.
 Subacetate of Lead.

Potassæ Subcarbonatis Liquor,

The same as with Potassæ Subcarb.

Potassæ Carbonas,

Nearly the same as with Potassæ Subcarb. except with Sulphate of Magnesia.
 Calomel, unless heated.

Potassæ Liquor, incompatible with

Acids.
 Acidulous Salts.
 Subcarbonate of Ammonia.
 Acetate of Ammonia.
 Muriate of Ammonia.
 Preparations of Earths and Metals held in Solution by Acids.
 Calomel.
 Corrosive Sublimate.

Potassæ Acetas, with

Sulphuric Acid.
 Muriatic _____.
 Nitric _____.
 Sulphate of Soda.
 _____ Magnesia.
 Most Metallic Salts.
 _____ Earthy Salts.
 _____ Acids.
 _____ Acidulous Salts.
 Lime Water.
 Muriate of Lime.
 Salts of Lead.
 _____ Silver.

Potassæ Supersulphas, with

Alkalies.
 Earths.
 Carbonates of Earths.
 Most Metals.
 _____ Oxides.

Potassæ Sulphas, with

Tartaric Acid.
 Barytes Water.
 Muriate of Barytes.
 _____ Lime.
 Acetate of Lead.
 Subacetate of Lead.

Sodæ Subcarbonas, with

Acids.
 Acidulous Salts.
 Muriate of Ammonia.
 Earthy and Metallic Salts.
 Lime Water.

Sodæ Carbonas, incompatible with
The same as those of *Sodæ*
Subcarbonas.

Sodæ Sulphas, with
Subcarbonate of Potass.
Solution of Barytes.
Barytic Salts.
Muriate of Lime.
Nitrate of Silver.
Acetate of Lead.
Subacetate of Lead.

Soda Tartarizata, with
Most Acids.
— Acidulous Salts, except
Supertartrate of Potass.
Barytic Salts.
Salts of Lime.
Acetate of Lead.
Subacetate of Lead.

Alumen Exsiccatum, with
Alkalies.
Carbonates of Alkalies.
Tartrate of Potass.
Lime.
Lime Water.
Magnesia.
Carbonate of Magnesia.
Acetate of Lead.

Creta Preparata, with
Acids.
Acidulous Salts.

Calx, with
Acids.
Acidulous Salts.
Alkaline Carbonates.
Ammoniacal Salts.
Borates.
Metallic Salts.
Astringent Vegetable Infusions

Calcis Liquor, with
The same substances as with
Calx.

Calcis Murias, incompatible with
Sulphuric Acid.
Sulphates.
Potass.
Soda.
Carbonate of Potass.
— Soda.
— Ammonia.

Calcis Muriatis Liquor.
Same as with *Calcis Murias*.

Magnesiæ Sulphas, with
Potass.
Soda.
Ammonia.
Subcarbonate of Potass.
— Soda.
Lime Water.
Muriate of Lime.
Acetate of Lead.

Magnesiæ Subcarbonas, with
Acids.
Acidulous Salts.
Muriate of Ammonia.
Lime Water.
Metallic Salts.

Magnesia.
The same as with *Magnesiæ*
Subcarb. except Lime Wa-
ter.

Antimonium Tartarizatum.

Its solution is incompatible
with
Alkalies.
Alkaline Carbonates.
Some Earths.
Lime Water.
Muriate of Lime.
Some Metals.
— Oxides of Metals.
Acetates of Lead.
Infusions of Cinchona.
— Rhubarb.
— Catechu.

Argenti Nitras, incompatible with

Almost all Spring Water.
 ----- River Water.

Potass.

Soda.

Carbonate of Potass.

----- Soda.

Soaps.

Lime Water.

Sulphuric Acid, } and Salts
 Muriatic Acid, } containing
 Tartaric Acid, } these Acids.

Carbonate of Ammonia.

Liquor Arsenicalis.

Sulphuretted Hydrogen.

Hydrosulphurets.

Astringent Vegetable Infusions.

Liquor Arsenicalis, with

Acids.

Acidulous Salts.

Lime Water.

Muriate of Lime.

Sulphate of Magnesia.

Alum.

Sulphate of Iron.

Muriate of Iron.

Nitrate of Silver.

Sulphate of Copper.

Sulphuretted Hydrogen and its
 compounds.

Decoction of Cinchona.

Cuprum Ammoniatum, with

Acids.

Potass.

Soda.

Lime Water.

Ferri Sulphas, with

Potass.

Soda.

Ammonia.

Carbonate of Potass.

----- Soda.

Barytes.

Salts of Barytes.

----- Strontia.

Strontia.

Lime Water.

Muriate of Lime.

Soaps.

Nitrate of Silver.

Acetates of Lead.

Astringent Vegetable bodies.

Ferri Subcarbonas; with

Acids.

Acidulous Salts.

Ferri Muriatis Tinctura, with

Alkalies.

Carbonates of Alkalies.

Lime Water.

Carbonate of Lime.

Magnesia.

Carbonate of Magnesia.

Astringent Vegetable bodies.

Solution of Gum Arabic.

Ferrum Ammoniatum, with

Alkalies.

Alkaline Carbonates.

Lime Water.

Astringent Vegetable bodies.

Ferri Ammoniaci Tinctura.

The same as with *Ferrum Am-*
moniatum.

Ferri Vinum.

The same as with *Ferri Muri-*
atis Tinctura.

Hydrargyrum cum Creta, with

Acids.

Acidulous Salts.

Hydrargyri Oxydum Rubrum, with

Acids.

Acidulous Salts.

Sulphuretted Hydrogen.

Hydrargyri Nitrico Oxydum.

The same as with *Hydrargyri*
Oxydum Rubrum.

Hydrargyri Oxymurias, incompatible with

Potass.
Soda.
Ammonia.
Carbonate of Potass.
————— Soda.
————— Ammonia.
Sulphuret of Potass.
All Hydrosulphurets.
Soap.
Lime Water.
Many Metals.
Tartarized Antimony.
Nitrate of Silver.
Acetates of Lead
Infusion of Bitter Vegetables.
————— Astringent Vegetables.

Hydrargyri Submurias, with

Potass.
Soda.
Ammonia.
Alkaline Carbonates.
Hydrosulphurets.
Lime Water.
Iron.
Lead.
Copper.

Plumbi Acetas, with

Sulphuric Acid.
Muriatic Acid.
Carbonic Acid.
Citric Acid.
Tartaric Acid.
Potass.
Soda.
Ammonia.
Muriate of Soda.
Liquor Ammoniaë Acetatis
Lime Water.
Carbonate of Lime.
Sulphate of Lime.
Solution of Sulphuretted Hydrogen.
Hard Water, usually.

Plumbi Subacetatis Liquor,

Same as with *Plumbi Acetas*.

Zinci Sulphas, with

Alkalies.
Alkaline Carbonates.
Lime Water.
Hydrosulphurets.
Astringent vegetable Infusions.

Zinci Oxydum, with

Acids.
Acidulous Salts.
Alkalies.

Potassæ Sulphuretum, with

Acids which combine with Potass and expel Sulphuretted Hydrogen Gas.
Solutions of most of the Metals.

Infusum Anthemidis, with

Salts of Iron.
———— Mercury.
———— Silver.
———— Lead.

Infusum Armoraciæ Comp. with

Alkaline Carbonates.
Salts of Silver.
———— Mercury.

Infusum Calumbæ, with

Lime Water.
Acetates of Lead.
Oxymuriate of Mercury.

Infusum Caryophyllorum, with

Lime Water.
Solutions of the Preparations of Iron.
Ditto of Zinc.
Ditto of Lead.
Ditto of Silver.
Ditto of Antimony.

Infusum Cascariæ, with

The same as with *Infusum Caryophyllorum*.

Infusum Cuspariæ, incompatible
with
Solutions of the Salts of most
Metals.

Infusum Digitalis, with
Solutions of the Salts of Iron.
Probably those of most other
Metals.

Infusum Gentianæ Comp. with
Solution of Acetate of Lead.
———— Sulphate of Iron.

Infusum Lini Compositum, with
Preparations of Lead.
———— Iron.
Most metallic Salts.

Infusum Rhei, with
The stronger Acids.
Metallic Solutions.
Some astringent Infusions.

Infusum Rosæ Compositum, with
Alkalies.
Earths and all substances which
combine with Sulphuric Acid,
or are acted upon by small
quantities of it.
Acetate of Lead.
Sulphate of Iron.

Infusum Sennæ Compositum, with
Strong Acids.
Lime Water,
Most metallic Salts.

Infusum Simarubæ, with,
Alkaline Carbonates.
Lime water.
Salts of Lead.
———— Silver.
———— Mercury.

Decoctum Aloes Compositum, with
Acids.
Acidulous Salts.
Earthy Salts.
Metallic Salts.

All substances which are de-
composed by, or which de-
compose Subcarbonate of Pot-
ass.

Decoctum Cydoniæ, with
Acids.
Alcohol.
Most metallic Solutions.

Decoctum Quercus, with
Alkaline Solutions.
Most metallic Salts.
Solutions of Isinglass.
Decoction of Yellow Bark.

Decoctum Sarsaparillæ, with
Lime Water.
Acetate of Lead.

Mistura Ferri Compositum, with
Acids and acidulous Salts which
dissolve the Proto-carbonate
of Iron.
Vegetable Astringents.

Spiritus Ammonix Aromaticus,
with
Acids.
Acidulous Salts.
Earthy Salts.
Lime Water.
Metallic Salts.

Spiritus Ammonix Fœtidus, with
The same as in Sp. Ammonix
Arom.

Spiritus Ammonix Succinatus with
Acids.
Acidulous Salts.
Earthy Salts.
Metallic Salts.

Spiritus Ammonix Camphoræ with
Water.

Tinctura Opii, with
Potass, and its Subcarbonate.
Soda, and its Subcarbonate.
Ammonia, & its Subcarbonate.
Most metallic Salts.
Infusion of Galls.

TABLE XIII.

A TABLE OF PHARMACEUTICAL EQUIVALENTS.

Acid, Acetic, dry - - -	50	Antimony, Sulphuret - -	61
crystallized or		Potassa Tartrate	341
glacial - - -	59	Arsenic - - -	38
Arsenious, dry - - -	54	Oxide (Arsenious Acid)	54
Benzoic, dry - - -	120	Bismuth - - -	71
Boracic, dry - - -	22	Oxide - - -	79
crystallized	40	Subnitrate - - -	212P
Carbonic, dry - - -	22	Boron - - -	6P
Citric, dry - - -	58	Calcium - - -	20
crystallized	76	Chloride - - -	56
Hydriodic, dry - - -	126	Oxide (see <i>Lime</i>)	28
Hydrocyanic, dry - -	27	Carbon - - -	6
Muriatic, dry - - -	37	Carburet of nitrogen (Cyanogen)	26
Nitric, dry - - -	54	Chlorine - - -	36
liquid, sp. gr. 1.5	72	Cinchonia - - -	315
Oxalic, dry - - -	36	Copper - - -	64
crystallized	72	Superacetate, dry	130
Phosphoric, dry - - -	28	crystal-	
Succinic, dry, or anhy-		liz. common verdigris	184
drous crystals - -	51	Peracetate, dry	180
Sulphuric, dry - - -	40	crystalliz.	
liquid, sp. gr.		or distilled verdigris	207
1.48 - - -	49	Peroxide - - -	80
Tartaric, dry - - -	67	Persulphate, dry	160
crystallized	76	crystalliz.	250
Alum dry - - -	260	Hydrogen - - -	1
crystallized - - -	485	Iodine - - -	125
Alumina - - -	26	Iron - - -	28
Sulphate, dry - -	66	Protoxide - - -	36
Ammonia - - -	17	Peroxide - - -	40
Acetate, dry - - -	67	Perchloride - - -	82
Hydrated Bicarbon-		Sulphate, dry - -	76
ate - - -	79	crystallized	139
Carbonate - - -	39	Lead - - -	104
Hydrated Sesquicar-		Acetate, dry	162
bonate - - -	118	crystallized	189
Citrate, dry - - -	75	Subacetate - - -	274
Muriate - - -	54	Protoxide - - -	112
Sulphate, hydrated	66	Carbonate - - -	134
Antimony - - -	45	Lime - - -	28
Chloride - - -	81	Carbonate - - -	50
Protoxide - - -	53	Hydrate (slacked lime)	37
Antimony, Protoxide, Hydro-		Phosphate - - -	56
sulphuret of - - -	86	Sulphate, dry - -	68
Peroxide - - -	61	Tartrate, dry - -	95

Magnesia	-	-	20	Potassa Tartrate, dry	-	-	115
Carbonate, dry	-	-	42	Potassium	-	-	40
Sulphate, dry	-	-	60	Chloride	-	-	76
crystalliz.	-	-	123	Sulphuret	-	-	56
Mercury	-	-	200	Bisulphuret	-	-	72
Protoxide	-	-	208	Quinia	-	-	360
Peroxide	-	-	216	Silver	-	-	110
Protochloride (Calo- mel)	-	-	236	Oxide	-	-	118
Perchloride (Corro- sive Sublimate)	-	-	272	Chloride	-	-	146
Protosulphate, dry	-	-	248	Nitrate	-	-	172
Persulphate, dry	-	-	296	Soda, dry	-	-	32
Protosulphuret	-	-	216	Hydrated	-	-	41
Bisulphuret	-	-	232	Acetate, dry	-	-	82
Bicyanuret	-	-	252	crystallized	-	-	136
Protonitrate, dry	-	-	262	Carbonate, dry	-	-	54
Pernitrate	-	-	324	crystallized†	-	-	153
Morphia	-	-	325	Citrate, dry	-	-	90
Nitrogen	-	-	14	Sulphate, dry	-	-	72
Oxygen	-	-	8	crystallized	-	-	162
Phosphorus	-	-	12	Tartrate, dry	-	-	99
Potassa, dry	-	-	48	Potassatartrate	-	-	214
hydrate	-	-	57	Hydrated Sesquicarbon- ate§	-	-	166
Acetate, dry	-	-	98	Bicarbonate	-	-	76
Arsenate, dry	-	-	110	Sodium	-	-	24
Arsenite, dry	-	-	102	Chloride (common salt)	-	-	60
Bicarbonate, dry	-	-	92	Oxide (Soda)	-	-	32
cryst.*	-	-	101	Strychnia	-	-	380
Bisulphate, dry	-	-	128	Sulphur	-	-	16
crystal.	-	-	137	Sulphuretted Hydrogen	-	-	17
Bitartrate, dry	-	-	182	Tin	-	-	59
crystal.	-	-	191	Water	-	-	9
Carbonate, dry†	-	-	70	Zinc	-	-	34
Citrate, dry	-	-	106	Oxide	-	-	42
Nitrate	-	-	102	Carbonate	-	-	64
Sulphate	-	-	88	Sulphate, dry	-	-	82
				crystallized	-	-	136

* Potassæ Carbonas of the Pharmacopœia.

† Potassæ Subcarbonas of the Pharmacopœia.

‡ Sodæ Subcarbonas of the Pharmacopœia.

§ Sodæ Carbonas of the Pharmacopœia.

TABLE XIV.
TABLE OF LIQUID AMMONIA.

100 parts Sp. Grav.	Contain of		100 parts. Sp. Grav.	Contain of	
	Ammonia.	Water.		Ammonia	Water.
.9000	26.00	74.00	.9513	12.40	87.60
.9054	25.37	74.63	.9545	11.56	88.44
.9166	22.07	77.93	.9573	10.82	89.18
.9255	19.54	80.46	.9597	10.17	89.83
.9326	17.52	82.48	.9619	9.60	90.40
.9335	15.88	84.12	.9684	9.50	90.50
.9435	14.53	85.47	.9639	9.09	90.91
.9476	13.46	86.54	.9713	7.17	92.83

TABLE XV.

TABLE of the quantity of Oil of Vitriol and Dry Sulphuric Acid in 100 parts of dilute, at different Densities, by Dr. Ure.

Liq.	Sp. Gr.	Dry.									
100	1.8485	81.54	75	1.6520	61.15	50	1.3884	40.77	25	1.1792	20.38
99	1.8475	80.72	74	1.6415	60.34	49	1.3788	39.95	24	1.1706	19.57
98	1.8460	79.90	73	1.6321	59.52	48	1.3697	39.14	23	1.1626	18.75
97	1.8439	79.09	72	1.6204	58.71	47	1.3612	38.32	22	1.1549	17.94
96	1.8410	78.28	71	1.6090	57.89	46	1.3530	37.51	21	1.1480	17.12
95	1.8376	77.46	70	1.5975	57.08	45	1.3440	36.69	20	1.1410	16.31
94	1.8336	76.65	69	1.5868	56.26	44	1.3345	35.88	19	1.1330	15.49
93	1.8290	75.83	68	1.5760	55.45	43	1.3255	35.06	18	1.1246	14.68
92	1.8233	75.02	67	1.5648	54.63	42	1.3165	34.25	17	1.1165	13.86
91	1.8179	74.20	66	1.5503	53.82	41	1.3080	33.43	16	1.1090	13.05
90	1.8115	73.39	65	1.5390	53.00	40	1.2999	32.61	15	1.1019	12.23
89	1.8043	72.57	64	1.5280	52.18	39	1.2913	31.80	14	1.0953	11.41
88	1.7962	71.75	63	1.5170	51.37	38	1.2826	30.98	13	1.0887	10.60
87	1.7870	70.94	62	1.5066	50.55	37	1.2740	30.17	12	1.0809	9.78
86	1.7774	70.12	61	1.4960	49.74	36	1.2654	29.35	11	1.0743	8.97
85	1.7673	69.31	60	1.4860	48.92	35	1.2572	28.54	10	1.0682	8.15
84	1.7570	68.49	59	1.4760	48.11	34	1.2490	27.72	9	1.0614	7.34
83	1.7465	67.68	58	1.4660	47.29	33	1.2409	26.91	8	1.0544	6.52
82	1.7360	66.86	57	1.4560	46.48	32	1.2334	26.09	7	1.0477	5.71
81	1.7245	66.05	56	1.4460	45.66	31	1.2260	25.28	6	1.0405	4.89
80	1.7120	65.23	55	1.4360	44.85	30	1.2184	24.46	5	1.0336	4.08
79	1.6993	64.42	54	1.4265	44.03	29	1.2108	23.65	4	1.0268	3.26
78	1.6870	63.60	53	1.4170	43.22	28	1.2032	22.83	3	1.0206	2.446
77	1.6750	62.78	52	1.4073	42.40	27	1.1956	22.01	2	1.0140	1.63
76	1.6630	61.97	51	1.3977	41.58	26	1.1876	21.20	1	1.0074	0.8154

TABLE XVI.

TABLE OF NITRIC ACID, BY DR. URE.

Sp. Grav.	Liq. Acid in 100	Dry Acid in 100.	Sp. Grav.	Liq. Acid in 100	Dry Acid in 100.	Sp. Grav.	Liq. Acid in 100	Dry Acid in 100.
1.5000	100	79.700	1.3783	66	52.602	1.1895	33	26.301
1.4080	99	78.903	1.3732	65	51.805	1.1833	32	25.504
1.4960	98	78.106	1.3681	64	51.068	1.1770	31	24.707
1.4940	97	77.309	1.3630	63	50.211	1.1709	30	23.910
1.4910	96	76.512	1.3579	62	49.414	1.1648	29	23.113
1.4880	95	75.715	1.3529	61	48.617	1.1587	28	22.316
1.4850	94	74.918	1.3477	60	47.820	1.1526	27	21.519
1.4820	93	74.121	1.3427	59	47.023	1.1465	26	20.722
1.4790	92	73.324	1.3376	58	46.226	1.1403	25	19.925
1.4760	91	72.527	1.3323	57	45.429	1.1345	24	19.128
1.4730	90	71.730	1.3270	56	44.632	1.1286	23	18.331
1.4700	89	70.933	1.3216	55	43.835	1.1227	22	17.534
1.4670	88	70.136	1.3163	54	43.038	1.1168	21	16.737
1.4640	87	69.339	1.3110	53	42.241	1.1109	20	15.940
1.4600	86	68.542	1.3056	52	41.444	1.1051	19	15.143
1.4570	85	67.745	1.3001	51	40.647	1.0993	18	14.346
1.4530	84	66.948	1.2947	50	39.850	1.0935	17	13.549
1.4500	83	66.155	1.2887	49	39.053	1.0878	16	12.752
1.4460	82	65.354	1.2826	48	38.256	1.0821	15	11.955
1.4424	81	64.557	1.2765	47	37.459	1.0764	14	11.158
1.4385	80	63.760	1.2705	46	36.662	1.0708	13	10.361
1.4346	79	62.963	1.2644	45	35.865	1.0651	12	9.564
1.4306	78	62.166	1.2583	44	35.068	1.0595	11	8.767
1.4269	77	61.369	1.2523	43	34.271	1.0540	10	7.970
1.4228	76	60.572	1.2462	42	33.474	1.0485	9	7.173
1.4189	75	59.775	1.2402	41	32.677	1.0430	8	6.376
1.4147	74	58.978	1.2341	40	31.880	1.0375	7	5.579
1.4107	73	58.181	1.2277	39	31.083	1.0320	6	4.782
1.4065	72	57.384	1.2212	38	30.286	1.0267	5	3.985
1.4023	71	56.587	1.2148	37	29.489	1.0212	4	3.188
1.3978	70	55.790	1.2084	36	28.692	1.0159	3	2.391
1.3945	69	54.993	1.2019	35	27.895	1.0106	2	1.594
1.3882	68	54.196	1.1958	34	27.098	1.0053	1	0.797
1.3833	67	53.399						

TABLE XVII.

TABLE of real Muriatic Acid, &c. in 100 of the Liquid Acid, by Dr. Ure.

Sp. Gr.	Dry Acid.	Acid Gas.	Chlorine.	Sp. Gr.	Dry Acid.	Acid Gas.	Chlorine.	Sp. Gr.	Dry Acid.	Acid Gas.	Chlorine.
1.1920	28.30	37.60	36.50	1.1272	18.68	24.82	24.09	1.0610	9.05	12.03	11.68
1.1900	28.02	37.22	36.13	1.1253	18.39	24.44	23.72	1.0590	8.77	11.65	11.31
1.1881	27.73	36.85	35.77	1.1233	18.11	24.06	23.36	1.0571	8.49	11.28	10.95
1.1863	27.45	36.47	35.40	1.1214	17.83	23.69	22.99	1.0552	8.21	10.90	10.58
1.1845	27.17	36.10	35.04	1.1194	17.55	23.31	22.63	1.0533	7.92	10.53	10.22
1.1827	26.88	35.72	34.67	1.1173	17.26	22.93	22.26	1.0514	7.64	10.15	9.85
1.1808	26.60	35.34	34.31	1.1155	16.98	22.56	21.90	1.0495	7.36	9.77	9.49
1.1790	26.32	34.97	33.94	1.1134	16.70	22.18	21.53	1.0477	7.07	9.40	9.12
1.1772	26.04	34.59	33.58	1.1115	16.41	21.81	21.17	1.0457	6.79	9.02	8.76
1.1753	25.75	34.22	33.21	1.1097	16.13	21.43	20.80	1.0438	6.51	8.65	8.39
1.1735	25.47	33.84	32.85	1.1077	15.85	21.05	20.44	1.0418	6.23	8.27	8.03
1.1715	25.19	33.46	32.48	1.1058	15.56	20.68	19.07	1.0399	5.94	7.89	7.66
1.1698	24.90	33.09	32.12	1.1037	15.28	20.30	19.71	1.0380	5.66	7.52	7.30
1.1679	24.62	32.71	31.75	1.1018	15.00	19.93	19.34	1.0361	5.38	7.14	6.93
1.1661	24.34	32.34	31.39	1.0999	14.72	19.55	18.98	1.0342	5.09	6.77	6.57
1.1642	24.05	31.96	31.02	1.0980	14.43	19.17	18.61	1.0324	4.81	6.39	6.20
1.1624	23.77	31.58	30.66	1.0960	14.15	18.80	18.25	1.0304	4.53	6.02	5.84
1.1605	23.49	31.21	30.29	1.0941	13.87	18.42	17.88	1.0285	4.24	5.64	5.47
1.1587	23.20	30.83	29.93	1.0922	13.58	18.04	17.52	1.0266	3.96	5.26	5.11
1.1568	22.92	30.46	29.56	1.0902	13.30	17.67	17.15	1.0247	3.68	4.89	4.74
1.1550	22.64	30.08	29.20	1.0883	13.02	17.29	16.79	1.0228	3.39	4.51	4.38
1.1531	22.36	29.70	28.83	1.0863	12.73	16.92	16.42	1.0209	3.11	4.14	4.01
1.1510	22.07	29.33	28.47	1.0844	12.45	16.54	16.06	1.0190	2.83	3.76	3.65
1.1491	21.79	29.95	28.10	1.0823	12.17	16.17	15.69	1.0171	2.55	3.38	3.28
1.1471	21.51	28.57	27.74	1.0805	11.88	15.79	15.33	1.0152	2.26	3.01	2.92
1.1452	21.22	28.20	27.37	1.0785	11.60	15.42	14.96	1.0133	1.98	2.63	2.55
1.1431	20.94	27.82	27.01	1.0765	11.32	15.04	14.60	1.0114	1.70	2.26	2.19
1.1410	20.66	27.45	26.64	1.0746	11.04	14.66	14.23	1.0095	1.41	1.88	1.82
1.1391	20.37	27.07	26.28	1.0727	10.75	14.29	13.87	1.0076	1.13	1.50	1.46
1.1371	20.09	26.69	25.91	1.0707	10.47	13.91	13.50	1.0056	0.85	1.13	1.09
1.1351	19.81	26.32	25.55	1.0688	10.19	13.54	13.14	1.0037	0.56	0.752	0.73
1.1332	19.53	25.94	25.18	1.0669	9.90	13.16	12.77	1.0019	0.28	0.376	0.365
1.1312	19.24	25.57	24.82	1.0649	9.62	12.78	12.41	1.0000	0.00	0.000	0.000
1.1293	18.96	25.19	24.45	1.0629	9.34	12.41	12.04				

In the above Tables of Acids, the column of dry acid shews the weight which any salifiable base would gain by uniting with 100 parts of the liquid acid of the corresponding specific gravity.

TABLE XVIII.

TABLE, extracted from the Tables of Mr. Gilpin, shewing the real Specific Gravity of different Mixtures of Spirit and Water at every 5° of Temperature, from 50° to 70°. The standard spirit employed was of the specific gravity 0.825; or contained 89 pure alcohol and 11 water, in 100 parts.

Proportions by weight of		REAL SPECIFIC GRAVITY.				
Spirit.	Water.	at 50°	at 55°	at 60°	at 65°	at 70°
100	—	.82977	.82736	.82500	.82262	.82023
100	5	.84076	.83834	*.83599	.83362	.83124
100	10	.85042	.84802	.84568	.84334	.84092
100	15	.85902	.85664	.85430	.85193	.84951
100	20	.86676	.86441	.86208	.85975	.85736
100	25	.87384	.87150	.86918	.86680	.86415
100	30	.88030	.87796	.87569	.87337	.87105
100	35	.88626	.88393	.88169	.87938	.87705
100	40	.89174	.88945	.88720	.88490	.88254
100	45	.89684	.89458	.89232	.89006	.88773
100	50	.90160	.89933	.89707	.89479	.89252
100	55	.90596	.90367	.90144	.89920	.89695
100	60	.90997	.90768	.90549	.90328	.90104
100	65	.91370	.91144	.90927	.90707	.90484
100	70	.91723	.91502	.91227	.91066	.90847
100	75	.92051	.91837	.91622	.91400	.91181
100	80	.92358	.92145	.91933	.91715	.91493
100	85	.92647	.92436	.92215	.92010	.91793
100	90	.92919	.92707	.92499	.92283	.92069
100	95	.93177	.92960	.92758	.92546	.92333
100	100	.93419	.93208	†.93002	.92794	.92580
95	100	.93658	.93462	.93247	.93040	.92828
90	100	.93897	.93696	‡.93493	.93285	.93076
85	100	.94149	.93948	.93749	.93546	.93337
80	100	.94414	.94213	.94018	.93822	.93616
75	100	.94683	.94486	.94296	.94099	.93898
70	100	.94958	.94767	.94579	.94388	.94193
65	100	.95243	.95087	.94876	.94689	.94500
60	100	.95534	.95467	.95181	.95000	.94813
55	100	.95831	.95662	.95493	.95318	.95139
50	100	.96126	.95966	.95804	.95635	.95469
45	100	.96420	.96262	.96122	.95962	.95802
40	100	.96708	.96595	.96437	.96288	.96143
35	100	.96995	.96277	.96752	.96620	.96484
30	100	.97284	.97181	.97074	.96959	.96836
25	100	.97589	.97800	.97410	.97309	.97203
20	100	.97920	.97887	.97771	.97688	.97596
15	100	.98293	.98289	.98176	.98106	.98028
10	100	.98745	.98702	.98654	.98594	.98527
5	100	.99316	.99284	.99244	.99194	.99134

* Alcohol, (Edinburg.) Rectified spirit, (London.) † Proof spirit, (Lond. Dublin.)
‡ Proof spirit, (Edinburg.)

TABLE XIX.

TABLE OF THE DOSES OF MEDICINES.

MEDICINES.	DOSES.
Acetum colchici	$\frac{1}{2}$ fl. dr. to $1\frac{1}{2}$ fl. dr.
scillæ	$\frac{1}{2}$ fl. dr. to $1\frac{1}{2}$ fl. dr.
Acidum benzoicum	10 grs. to $\frac{1}{2}$ dr.
citricum	10 grs. to 2 drs.
muriaticum	10 mins. to 20 mins.
nitricum	6 mins. to 20 mins.
sulphuricum dilutum	3 mins. to 40 mins.
Aconiti folia	1 gr. to 5 grs.
Ærugo	$\frac{1}{2}$ gr. to 1 gr.
Æther sulphuricus	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
Alcohol	$\frac{1}{2}$ fl. dr. to 1 dr.
Alii radix	1 dr. to 2 dr.
Aloes spicatæ extractum	5 grs. to 15 grs.
Alumen	10 grs. to 1 scr.
exsiccatum	10 grs. to 1 scr.
Ammoniaë subcarbonas	5 grs. to 1 scr.
murias	10 grs. to $\frac{1}{2}$ dr.
Ammoniacum	10 grs. to $\frac{1}{2}$ dr.
Anisi semina	10 grs. to 1 scr.
Anthemidis flores	10 grs. to 1 scr.
Antimonii oxydum	1 gr. to 10 grs.
sulphuretum	10 grs. to $\frac{1}{2}$ dr.
præcipitatum	1 gr. to 5 grs.
Antimonium tartarizatum	$\left\{ \begin{array}{l} \frac{1}{4} \text{ gr. to } \frac{1}{2} \text{ gr. } \textit{diaph.} \\ \frac{1}{2} \text{ gr. to } 3 \text{ grs. } \textit{emet.} \end{array} \right.$
Argenti nitras	$\frac{1}{2}$ gr. to 5 grs.
Armoraciæ radix	1 scr. to 1 dr.
Arsenici oxydum	$\frac{1}{10}$ gr. to $\frac{1}{4}$ gr.
Assafœtidæ gummi resina	10 grs. to $\frac{1}{2}$ dr.
Aurantii baccæ, cortex	1 scr. to 2 drs.
Balsamum peruvianum	10 grs. to $\frac{1}{2}$ dr.
tolutanum	10 grs. to $\frac{1}{2}$ dr.
Belladonnæ folia	$\frac{1}{2}$ gr. to 14 grs.
Benzoinum	10 grs. to $\frac{1}{2}$ dr.
Cajeputi oleum	1 min. to 5 mins.
Calami radix	10 grs. to 1 dr.
Calumbæ radix	10 grs. to 1 scr.
Cambogia	2 grs. to 12 grs.
Camphora	3 grs. to 1 scr.
Canellæ Cortex	10 grs. to $\frac{1}{2}$ dr.
Capsici baccæ	5 grs. to 10 grs.
Cardamomi semina	5 grs. to $\frac{1}{2}$ dr.

MEDICINES.	DOSES.
Carui semina	10 grs. to 1 dr.
Caryophylli	10 grs. to $\frac{1}{2}$ dr.
oleum	2 mins to 5 mins.
Cascarillæ cortex	10 grs. to 1 dr.
Cassiæ pulpa	$\frac{1}{2}$ oz. to 1 oz.
Castoreum	5 grs. to 1 scr.
Catechu extractum	10 grs. to 1 scr.
Centaurii cacumina	15 grs. to 1 dr.
Cinchonæ cordifoliæ cortex	10 grs. to $1\frac{1}{2}$ dr.
lancifoliæ cortex	10 grs. to $1\frac{1}{2}$ dr.
oblongifoliæ cortex	10 grs. to $1\frac{1}{2}$ dr.
Cinnamomi cortex	5 grs. to 1 scr.
oleum	1 min. to 3 mins.
Coccus	5 grs. to 1 scr.
Colocynthis pulpa	1 gr. to 5 grs.
Confectio opii	10 grs. to $\frac{1}{2}$ dr.
rosæ	1 dr. to 1 oz.
sennæ	$\frac{1}{2}$ dr. to 4 dr.
Conii folia	2 grs. to 1 scr.
Contrayervæ radix	10 grs. to $\frac{1}{2}$ dr.
Copaiba	10 mins. to 1 dr.
Creta preparata	$\frac{1}{2}$ dr. to 2 drs.
Croci stigmata	10 grs. to 1 dr.
Cuprum ammoniatum	$\frac{1}{2}$ gr. to 5 grs.
Cupri sulphas	$\frac{1}{4}$ gr. to 5 grs.
Cuspariæ cortex	10 grs. to 1 scr.
Digitalis folia	$\frac{1}{2}$ gr. to 3 grs.
Dolichi pubes	5 grs. to 10 grs.
Dulcamaræ caulis	1 scr. to 1 dr.
Extractum aconiti	1 gr. to 5 grs.
aloes purificatum	5 grs. to 15 grs.
anthemidis	10 grs. to 1 dr.
belladonnæ	1 gr. to 5 grs.
cinchonæ	10 grs. to $\frac{1}{2}$ dr.
cinchonæ resinosum	10 grs. to $\frac{1}{2}$ dr.
colocynthis	5 grs. to $\frac{1}{2}$ dr.
colocynthis compositum	5 grs. to $\frac{1}{2}$ dr.
conii	5 grs. to 1 scr.
elaterii	$\frac{1}{2}$ gr. to 3 grs.
gentianæ	10 grs. to $\frac{1}{2}$ dr.
glycyrrhizæ	1 dr. to 4 drs.
hæmatoxyli	10 grs. to $\frac{1}{2}$ dr.
helebori nigri	3 grs. to 1 scr.
humuli	5 grs. to 1 scr.
hyosciami	5 grs. to 1 scr.
jalapæ	10 grs. to 1 scr.
opii	$\frac{1}{2}$ gr. to 5 grs.
papaveris	2 grs. to 1 scr.
rhei	10 grs. to $\frac{1}{2}$ dr.

MEDICINES.	DOSES.
Extractum sarsaparillæ	10 grs. to $\frac{1}{2}$ dr.
taraxaci	10 grs. to 1 scr.
Ferri ramenta et fila	5 grs. to $1\frac{1}{2}$ dr.
subcarbonas	2 grs. to 10 grs.
sulphas	1 gr. to 5 grs.
Ferrum ammoniatum	3 grs. to 15 grs.
tartarizatum	5 grs. to 1 dr.
Filicis radix	1 dr. to 4 drs.
Galbani gummi resina	10 grs. to $\frac{1}{2}$ dr.
Gallæ	2 grs. to 10 grs.
Gentianæ radix	10 grs. to 1 dr.
Geoffrœæ inermis cortex	1 scr. to 2 scrs.
Granati cortex	1 scr. to 1 dr.
Guaiaci resina et lignum	10 grs. to $\frac{1}{2}$ dr.
Hydrargyri nitrico-oxydum	$\frac{1}{2}$ gr. to 2 grs.
oxydum cinereum	2 grs. to 10 grs.
oxydum rubrum	$\frac{1}{2}$ gr. to 2 grs.
oxymurias	$\frac{1}{8}$ gr. to $\frac{1}{2}$ gr.
submurias	1 gr. to 15 grs.
sulphuretum rubrum	10 grs. to $\frac{1}{2}$ dr.
nigrum	5 grs. to $\frac{1}{2}$ dr.
Hydrargyrum cum creta	10 grs. to $\frac{1}{2}$ dr.
præcipitatum album	5 grs. to 10 grs.
Hydrosulphuretum ammoniæ	5 grs. to 12 grs.
Hyosciami folia et semina	5 grs. to 15 grs.
Ipecacuanhæ radix	$\left\{ \begin{array}{l} \frac{1}{2} \text{ gr. to 2 grs. } \textit{diaph.} \\ 5 \text{ grs. to } \frac{1}{2} \text{ dr. } \textit{emet.} \end{array} \right.$
Jalapæ radix	10 grs. to $\frac{1}{2}$ dr.
Kino	10 grs. to $\frac{1}{2}$ dr.
Lactucarium	1 gr. to 5 grs.
Lichen Islandicus	1 scr. to 1 dr.
Liquor ammoniæ	10 mins. to 20 mins.
acetatis	2 fl. drs. to 6 fl. drs.
antimonii tartarizati	$\left\{ \begin{array}{l} 15 \text{ mins. to } 1\frac{1}{2} \text{ dr. } \textit{sud.} \\ 3 \text{ fl. drs. to 1 fl. oz. } \textit{emet.} \end{array} \right.$
arsenicalis	5 mins. to 15 mins.
calcis	2 fl. oz. to $\frac{1}{2}$ pint.
muriatis calcis	20 mins. to 1 fl. oz.
Magnesia	$\frac{1}{2}$ dr. to 1 dr.
Magnesiæ carbonas	$\frac{1}{2}$ dr. to 2 drs.
sulphas	1 dr. to 1 oz.
Manna	4 drs. to 2 oz.
Mistura ammoniaci	4 fl. drs. to 1 fl. oz.
assafœtidæ	$\frac{1}{2}$ fl. oz. to 1 fl. oz.
camphoræ	$\frac{1}{2}$ fl. oz. to 2 fl. oz.
cretæ	1 fl. oz. to 2 fl. oz.
Moschus	2 grs. to 1 scr.
Myristicæ nuclei	5 grs. to 1 scr.
Myrrha	10 grs. to 1 dr.

MEDICINES.		DOSES.
Oleum	anisi - - - -	} 1 min. to 10 mins.
	juniperi - - - -	
	lauri sassafras - - - -	
	menthæ piperitæ - - - -	
	menthæ viridis - - - -	
	pulegii - - - -	
	ricini - - - -	2 fl. drs. to 1 fl. oz.
	succini - - - -	} 10 mins. to 1 fl. dr.
	sulphuretum - - - -	
	terebinthinæ rectificatum	
Opium	- - - -	$\frac{1}{2}$ gr. to 5 grs.
Oxymel scillæ	- - - -	$\frac{1}{2}$ fl. dr. to 2 fl. dr.
Petroleum	- - - -	10 mins. to $\frac{1}{2}$ fl. dr.
Phosphas sodæ	- - - -	6 drs. to 2 oz.
Plumbi superacetas	- - - -	$\frac{1}{2}$ gr. to 2 grs.
Potassæ acetas	- - - -	1 scr. to $\frac{1}{2}$ dr.
	carbonas - - - -	10 grs. to $\frac{1}{2}$ dr.
	nitras - - - -	10 grs. to $\frac{1}{2}$ dr.
	subcarbonas - - - -	10 grs. to $\frac{1}{2}$ dr.
	sulphas - - - -	1 dr. to $\frac{1}{2}$ oz.
	sulphuretum - - - -	5 grs. to 15 grs.
	supersulphas - - - -	1 scr. to 2 drs.
	supertartas - - - -	1 dr. to 1 oz.
	tartras - - - -	1 dr. to 1 oz.
Pulvis antimonialis	- - - -	5 grs. to 10 grs.
	ipecacuanhæ compositus	5 grs. to 1 scr.
Quassiæ lignum	- - - -	5 grs. to $\frac{1}{2}$ dr.
Rhei radix	- - - -	10 grs. to $\frac{1}{2}$ dr.
Rosæ gallicæ petala	- - - -	1 scr. to 1 dr.
Sabinæ folia	- - - -	10 grs. to $\frac{1}{2}$ dr.
Sambuci flores	- - - -	5 grs. to 1 scr.
Sarsaparillæ radix	- - - -	1 scr. to 1 dr.
Sassafras lignum et radix	- - - -	1 scr. to 1 dr.
Scammoniæ gummi resina	- - - -	5 grs. to 1 scr.
Scillæ radix	- - - -	1 gr. to 3 grs.
Senegæ radix	- - - -	1 scr. to 2 scr.
Sennæ folia	- - - -	1 scr. to 1 dr.
Serpentariæ radix	- - - -	10 grs. to $\frac{1}{2}$ dr.
Simaroubæ cortex	- - - -	10 grs. to $\frac{1}{2}$ dr.
Sinapis semina	- - - -	1 scr. to $\frac{1}{2}$ dr.
Sodæ carbonas	- - - -	10 grs. to 1 dr.
	subcarbonas - - - -	10 grs. to $\frac{1}{2}$ dr.
	exsiccata - - - -	5 grs. to 15 grs.
	sub-boras - - - -	10 grs. to $\frac{1}{2}$ dr.
	urias - - - -	1 scr. to 1 dr.
	sulphas - - - -	1 dr. to 1 oz.
Soda tartarizata	- - - -	1 dr. to 1 oz.
Spigeliæ radix	- - - -	10 grs. to 2 scr.

MEDICINES.	DOSES.
Spiritus ætheris nitrici - - -	} $\frac{1}{2}$ fl. dr. to 1 fl. dr.
sulphurici - - -	
sulphurici compositus - - -	
ammonizæ aromaticus - - -	
fœtidus - - -	} 1 fl. dr. to $\frac{1}{2}$ fl. oz.
camphoræ - - -	
lavandulæ compositus - - -	1 dr. to $\frac{1}{2}$ oz.
Spongia usta - - -	1 dr. to 4 drs.
Stannum - - -	$\frac{1}{2}$ dr. to 2 drs.
Sulphur - - -	$\frac{1}{2}$ dr. to 2 drs.
præcipitatum - - -	1 fl. dr. to 2 fl. drs.
Syrupus sennæ - - -	$\frac{1}{2}$ fl. dr. to 1 fl. oz.
Tinctura aloes - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
composita - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
assafoetidæ - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
benzoini composita - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
calumbæ - - -	} $\frac{1}{2}$ fl. dr. to $\frac{1}{2}$ fl. oz.
camphoræ composita - - -	
capsici - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
cardamomi - - -	1 fl. dr. to 2 fl. drs.
composita - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
cascarillæ - - -	} $\frac{1}{2}$ fl. dr. to $\frac{1}{2}$ fl. oz.
castorei - - -	
catechu - - -	
cinchonæ - - -	} 1 fl. dr. to $\frac{1}{2}$ fl. oz.
composita - - -	
cinnamomi composita - - -	$\frac{1}{2}$ fl. dr. to 3 fl. drs.
digitalis - - -	10 mins. to 40 mins.
ferri ammoniati - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
muriatis - - -	10 mins. to $\frac{1}{2}$ fl. dr.
gentianæ composita - - -	} 1 fl. dr. to 2 fl. drs.
guaiaci - - -	
ammoniata - - -	
hellebori nigri - - -	$\frac{1}{2}$ fl. dr. to 1 fl. dr.
humuli - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
hyosciami - - -	10 mins to 1 fl. dr.
jalapæ - - -	1 fl. dr. to 4 fl. drs.
kino - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
lyttæ - - -	10 mins. to 2 fl. drs.
myrrhæ - - -	$\frac{1}{2}$ fl. dr. to 1 fl. dr.
opii - - -	10 mins. to $\frac{1}{2}$ fl. dr.
rhei - - -	} 2 fl. drs. to 1 fl. oz.
composita - - -	
scillæ - - -	10 mins. to 1 fl. dr.
sennæ - - -	2 fl. drs. to 1 fl. oz.
serpentariæ - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
valerianæ - - -	} $\frac{1}{2}$ fl. dr. to 1 fl. dr.
ammoniata - - -	

MEDICINES.	DOSES.
Tinctura zingiberis - - - -	$\frac{1}{2}$ fl. dr. to 2 fl. drs.
Tussilago - - - -	$\frac{1}{2}$ dr. to 1 dr.
Ulm cortex - - - -	1 scr. to 1 dr.
Uvæ ursi folia - - - -	10 grs. to 1 dr.
Valerianæ radix - - - -	1 scr. to 2 scrs.
Vinum aloes - - - -	$\frac{1}{2}$ fl. oz. to 1 fl. oz.
ferri - - - -	1 fl. dr. to $\frac{1}{2}$ fl. oz.
ipecacuanhæ - - - -	{ 20 mins. to 40 mins. <i>sudor.</i>
opii - - - -	{ 2 fl. drs. to 1 fl. oz. <i>emet.</i>
Zinci oxydum - - - -	10 mins. to 1 fl. dr.
sulphas - - - -	3 grs. to 10 grs.
Zingiberis radix - - - -	1 gr. to 5 grs.
	5 grs. to $\frac{1}{2}$ dr.

TABLE XX.

TABLE OF DOSES PROPORTIONATE TO THE AGE.

Ages.	Proportional quantities.	Doses.
For an Adult,	Suppose the dose to be - ONE	or 1 drachm.
Under 1 year	Will require only - - - $\frac{1}{12}$	- 5 grains.
2 years	_____	- 8 grains.
3 _____	_____	- 10 grains.
4 _____	_____	- 15 grains.
7 _____	_____	- 1 scruple.
14 _____	_____	- $\frac{1}{2}$ drachm.
20 _____	_____	- 2 scruples.
Above 21 _____	The full dose - - - -	- 1 drachm.
65 _____	The inverse gradation of the above.	_____

TABLE XXI.

TABLE OF CONTRACTIONS.

A. Aa. Ana, of each ingredient.

Abdom. Abdomen, the belly; abdominis, of the belly; abdomini, to the belly.

Abs. febr. Absente febre, in the absence of the fever.

Ad 2 vic. Ad duas vices, at twice taking.

Ad gr. acid. Ad gratum aciditatem, to an agreeable sourness.

Ad libit. Ad libitum, at pleasure.

Add. Adde, or addantur, add; addendus, to be added; addendo, by adding.

Admov. Admoveatur, or admoveantur, apply.

- Adst. febre.* Adstante febre, when the fever is on.
- Aggred. febre.* Aggrediente febre, while the fever is coming on.
- Altern. horis.* Alternis horis, every other hour.
- Alvo adst.* Alvo adstricta, when the belly is bound.
- Aq. bull.* Aqua bulliens, boiling water.
- Aq. ferv.* Aqua fervens, boiling water.
- Bis ind.* Bis indies, twice a day.
- BB. Bbds.* Barbadosensis, Barbadoes.
- Bull.* Bulliat, or bulliant, boil
- Cærul.* Cæruleus, blue.
- Cap.* Capiat, take.
- C. m.* Cras mane, to-morrow morning.
- Coch. ampl.* Cochleare amplum, a large spoon.
- Coch. infant.* Cochleare infantis, a child's spoon.
- Coch. magn.* Cochleare magnum, a large spoon.
- Coch. mod.* Cochleare modicum, a dessert spoon.
- Coch. parv.* Cochleare parvum, a small spoon.
- Col.* Colatus, strained.
- Colat.* Colatur, let it be strained; colaturæ, of or to the strained liquor.
- Colent.* Colentur, let them be strained.
- Comp.* Compositus, compounded.
- Cont. rem.* Continuantur remedia, let the medicines be continued.
- Coq.* Coque, boil; coquantur, let them be boiled.
- Crast.* Crastinus, for to-morrow.
- Cuj.* Cujus, of which.
- Cujuslibet.* Cujuslibet, of any.
- Cyath. theæ.* Cyatho theæ, in a cup of tea.
- Deaur. pil.* Deurentur pilulæ, let the pills be gilt.
- Deb. spiss.* Debita spissitudo, a proper consistence.
- Decub.* Decubitus, of lying down.
- De d. in d.* De die in diem, from day to day.
- Dej. alvi.* Dejectiones alvi, stools.
- Det.* Detur, let it be given.
- Dieb. alt.* Diebus alternus, every other day.
- Dieb. tert.* Diebus tertiis, every third day.
- Dim.* Dimidius, one half.
- Dir. prop.* Directione propria, with a proper direction.
- Donec alv. bis dej.* Donec alvus bis dejiciat, until two stools have been obtained.
- Donec alv. sol. fuer.* Donec alvus soluto fuerit, until a stool has been obtained.
- Ejusd.* Ejusdem, of the same.
- Enem.* Enema, a clyster; enemata, clysters.
- Ext. sup. alut.* Extende super alutam, spread upon leather.
- F. pil. xij.* Fac pilulas duodecim, make 12 pills.
- Feb. dur.* Febre durante, during the fever.
- Fem. intern.* Femoribus internis, to the inner part of the thighs.
- F. vœnas.* Fiat venæsectio, bleed.
- Fist. arm.* Fistula armata, a clyster pipe and bladder fitted for use.

- Fl.* Fluidus, liquid; also, by measure.
- Gel. quav.* Gelatina quavis, in any kind of jelly.
- G. G. G.* Gummi guttæ Gambiæ, gambooge.
- Gr.* Granum, a grain; grana, grains.
- Gtt.* Gutta, a drop; guttæ, drops.
- Gutt. quibusd.* Guttis quibusdam, with a few drops.
- Har. pil. sum. iij.* Harum pilularum sumantur tres, let three of these pills be taken.
- Hor. decub.* Hora decubitus, at going to bed.
- Hor. som.* Hora somni, just before going to sleep; or on retiring to rest.
- Hor. un. spatio.* Horæ unius spatio, at the expiration of an hour.
- Hor. interm.* Horis intermediis, at the intermediate hours between what has been ordered at stated times.
- Ind.* Indies, from day to day, or daily.
- In pulm.* In pulmento, in gruel.
- Inj. enem.* Injiciatur enema, let a clyster be given.
- Lat. dol.* Lateri dolente, to the side that is affected.
- lb.* Libra, a pound weight, or wine pint; when preceded by Arabic figures, Avoirdupois weight is meant, but when succeeded by Roman numerals, Troy weight, or pint measures.
- M.* Misce, mix; mensura, by measure; manipulus, a handful
- Mane pr.* Mane primo, very early in the morning.
- Min.* Minimum, the 60th part of a drachm measure.
- Mit.* Mitte, send; mittatur, or mittantur, let there be sent.
- Mitt. sang. ad ℥xij. saltem.* Take away at least 12 oz. of blood.
- Mod. præsc.* Modo præscripto, in the manner directed.
- Mor. sol.* More solito, in the usual manner.
- Ne tr. s. num.* Ne tradas sine nummo, do not deliver it unless paid, as a caution to the shopman, when the presence of the customer prevents the master giving a verbal direction.
- N. M.* Nux moschata, a nutmeg.
- O.* Octarius, a wine pint.
- Ol. lini. s. i.* Oleum lini sine igne, cold drawn lint-seed oil.
- Omn. hor.* Omni hora, every hour.
- Omn. bid.* Omni biduo, every two days.
- Omn. bih.* Omni bihorio, every two hours.
- Omn. man.* Omni mane, every morning.
- Omn. noct.* Omni nocte, every night.
- Omn. quadr. hor.* Omni quadrante horæ, every quarter of an hour.
- O. O. O.* Oleum oliva optimum, best olive oil.
- oz.* The ounce Avoirdupois, or common weight, as distinguished from that prescribed by physicians in their orders. The *z* is not the last letter of the alphabet, which it resembles in form, but the old mark of a contraction, and was formerly, in manuscripts, made half the height of the proper letters; printers now use for it a point, although very awkward when another stop succeeds, and this they use even when *z* is used.
- P.* Pondere, by weight.
- P. D.* Pharmacopœia Dublinensis.
- P. E.* Pharmacopœia Edinensis.

- P. L.* Pharmacopœia Londinensis.
- P. U. S.* Pharmacopœia of the United States.
- Part. vic.* Partitis vicibus, to be given in divided doses, instead of all at once.
- Per op. emet.* Peracta operatione emetici, when the operation of the emetic is finished.
- Post sing. sed. liq.* Post singulas sedes liquidas, after every loose stool.
- P. r. n.* Pro re nata, according as circumstances may require.
- P. rat. æt.* Pro ratione ætatis, according to the age of the patient.
- Pug.* Pugillus, a gripe between the finger and thumb.
- Q. p.* Quantum placet, as much as you please.
- Q. s.* Quantum sufficiat, as much as is sufficient.
- Quor.* Quorum, of which.
- R.* Recipe, take: but for this, the old authors, and the French to this day, use this sign \mathcal{R} , being the old heathen invocation to Jupiter, seeking his blessing upon the formula; equivalent to the usual invocation of the poets and of Mahomedan authors, or the *Laus Deo* with which book-keepers and merchants' clerks formerly began their books of account and invoices, a practice not yet quite extinct.
- Red. in pulv.* Redactus in pulverem, powdered.
- Redig. in pulv.* Redigatur in pulverem, let it be reduced to powder.
- Reg. umbil.* Regio umbilici, the parts near the navel.
- Repet.* Repetatur, or repetantur, let it be continued.
- S. A.* Secundem artem, according to art.
- Semidr.* Semidrachma, half a drachm.
- Semih.* Semihora, half an hour.
- Sesunc.* Sesuncia, an ounce and a half.
- Sesquih.* Sesquihora, an hour and a half.
- Si n. val.* Si non valeat, if it does not answer.
- Si op. sit.* Si opus sit, if there be occasion.
- Si vir. perm.* Si vires permittant, if the strength will bear it.
- Sign. n. pr.* Signetur nomine proprio, write upon it the usual name, not the trade name.
- S. S. S.* Stratum super stratum, layer upon layer.
- Ss.* Semi, a half.
- St.* Stet, let it stand; stent, let them stand.
- Sub fn. coct.* Sub finem coctionis, when the boiling is nearly finished.
- Sum. tal.* Sumat talem, let the patient take one like this.
- S. V.* Spiritus vinosus, ardent spirit of any strength.
- S. V. R.* Spiritus vinosus rectificatus, spirit of wine.
- S. V. T.* Spiritus vinosus tenuis, proof spirit, or half and half spirit of wine and water.
- Temp. dext.* Tempori dextro, to the right temple.
- T. O.* Tinctura opii, tincture of opium; generally confounded with laudanum, which is properly the wine of opium.
- T. O. C.* Tinctura opii camphorata, paregoric elixir.
- Ult. præscr.* Ultimo præscriptus, the last ordered.
- V. O. S.* Vitello ovi solutus, dissolved in the yolk of an egg.

Vom. urg. Vomitione urgente, when the vomiting begins.

Zz. Zingiber, ginger.

9. Scrupulum, a scruple, equal to 20 grains troy.

3. Drachma, a drachm, equal to three scruples; or in liquids, the 8th part of an ounce measure.

3. Uncia, an ounce Troy; or in liquids, the 16th part of a wine pint.

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