## CONTENTS. dan ashizo hanoquio

### PART I.

Quaternary oxides

#### ELEMENTS OF PHARMACY.

Object and division of Pharmacy, - - xvii

### SECTION I.

## EPITOME OF CHEMISTRY.

Attraction and Repulsion, solquis to noites assig bea doite xviii
Gravity. Aggregation, won-rand to exottened bound xix
Affinity,
Sir H. Davy's classification of simple bodies, offic xxi
Compound bodies, tertain citezraway of solsivib animal xxii
Light, dirion, and granulation, dirion,
Caloric, and eparation - by sifting - elutrication - decentary
Electricity, don mitation, expension, and despuration, mon xxvi
Galvanism, xxvii
Magnetism,
Oxygen, - xxix
Chlorine,
Nitrogen, (azote),
Hydrogen, API-111X - sanoita-squ'as xxxiv
vxxx Change in the form of aggregation, modern
Boron, iivxxx Liquefaction.
Sulphur, ib.
Phosphorus,
Iodine,
Fluorine, noith by I xliii
Metals, and metallic oxides, - guir-do 2 ib.
Alkalizable metals, xlv
Oxidizable metals,



#### CONTENTS.

						Page
Acidifiable metals,	1000			-	-	lv
Compound oxides and	acids	EN,	TWO	0	che lu	ib.
Compound oxides,	-		-			lvi
Ternary oxides,	-	-	-	-		lvii
Quaternary oxides,		THE STATE OF	-		-	lxiii
Compound acids,					-	lxviii
Ternary acids, -		T	PAR	200	STATE OF	ib.
Quaternary acids,	-		-	1		lxxi
Characters of secondar	y salt	s der	ived from	m their a	cids.	ib.
Characters of salts deri						lxxiv

# SECTION II.

#### PHARMACEUTICAL OPERATIONS.

THE CONTRACT OF SECURIS
Collection and preservation of simples, molana of has not lxxviii
Mechanical operations of pharmacy,
Weights and measures,
Specific gravity, adibo 4 sigmis lo-missonias to struct lxxxii
Mechanical division, by pulverization, trituration, leviga-
tion, and granulation, lxxxiv
Mechanical separation, by sifting, elutriation, decanta-
tion, filtration, expression, and despumation,
Apparatus, lxxxix
Vessels, maining ib.
Lutes,
Heat and fuel, xciii
Furnaces, (aloea) nago xcv
Chemical operations,
A. Change in the form of aggregation, - dad ib.
a. Liquefaction, ib.
b. Fusion,
c. Vitrification,
d. Vaporization, xcix
1. Ustulation,
2. Charring,
viz 3. Evaporation, alabora-idexiles ci
Oxidisable metelsy.

00	3.7	m	73	AT	m	155
CO	N	1	Ŀ	N	J.	20

XIII

enia Pige	Page
Chemical operations,	Table of the thermometric degrees,
4. Concentration,	is able chamical phenomena occurs
5. Inspissation,	dible of the zing met met, que con
6. Exsiccation,	dibles of simple affinity, ve in - in
e. Condensation,	iis lative eltractions, collection and
1. Distillation,	deres of mutual decompositions
2. Circulation,	visces of disposing afficiency
3. Rectification,	Ilivale of incompatible salts,
4. Sublimation,	dable of the specific heats of equal
f. Congelation,	.dicompared with water
Coagulation.	.dietallie precipitates,
B. Effecting combination,	xishle of the solubility of different at
a. Solution,	xx ble of the colubility of different su
b. Extraction,	bas le of the proportion of oil and
c. Infusion,	cxii
tes Little Critical	dible of efforescent and deliquescent.
e. Digestion, old to asia	dible of the greight of ultimate part
f. Decoction,	.dible of chemical equivalents,
g. Absorption,	dimposition of some organic bedies,
h. Consolidation,	dimmisceutical calendar,
C. Effecting decomposition	di planation of the plates.
a. Dissolution,	cxiii
b. Precipitation,	ib.
c. Crystallization,	THAT . cxv
d. Oxygenizement,	cxvii
e. Deflagration,	- ib.
f. Disoxygenizement,	- moinwarado Invacxix
	XX2 gral, Medical and Planmacousti
Security of London Dubies	Articles contained in the Pharma

# APPENDIX.

Weights and measures,	END	APP	-		cxxv
Tables of specific gravities,		-	-	-	cxl
Formulae for comparing the	scales	of dif	ferent	thermometer	9
with each other,	natangi:		ou su	Regiones	cxlv



	xiv contents.
	Page
	Table of the thermometric degrees, at which some remark-
	able chemical phenomena occur, cxlvii
	Table of freezing mixtures,
	Tables of simple affinity, - clii
	Relative attractions, clv
13	Cases of mutual decomposition, - ib.
	Cases of disposing affinity, 7 clvi
	Table of incompatible salts, - ib.
	Table of the specific heats of equal weights of some bodies
	decompared with water, - and decompared of clvii
	Metallic precipitates, clviii
	Table of the solubility of different substances in water, clix
	Table of the solubility of different substances in alkohol, clxi
	Table of the proportion of oil and suets in various fats, clxii
	Table of the absorption of gases, clxiii
	Table of efflorescent and deliquescent salts, ib.
	Table of the weight of ultimate particles or atoms of bodies, clxiv
	Table of chemical equivalents, clxx
	Composition of some organic bodies, - clxxiii
	Pharmaceutical calendar, - clxxiii
	Explanation of the plates, clxxiv
	iliza colument to the column of the column o
	di
	PART II.
	di Oxymendzement, cxyii
	MATERIA MEDICA.
	General observations, 1
	Natural, Medical and Pharmaceutical History of the different
	Articles contained in the Pharmacopæias of London, Dub-
	lin, and Edinburgh, arranged chiefly according to the no-
	menclature of the Edinburgh College, - 2
	And Survivous.
	APPENDIX.
	No. I. Concise account of some substances contained in
	some of the best foreign Pharmacopæias, but not
	received into the lists of any of the British Col-
	leges,
	II. List of animals which furnish articles of the Materia
	Medica, arranged according to Cuvier's system, 292

CONTENTS. XV	20 個關關關關於
Page	
No. III. List of the genera of medicinal plants, arranged	
according to the system of Linnæus, 293	
IV. List of officinal genera, according to the natural	
system of Jussieu, improved by Ventenat, - 296	
V. List of officinal substances belonging to the mine-	
ral kingdom, opened with short sore I. LXXX 300	
XXXIII. Ammoniated or volatile imetures, 587 XXXIV. Mostreactwines, 587	
PART III. PART III.	
XXXVII. Conserves, electronies and confections 612	
PREPARATIONS AND COMPOSITIONS.	
CHAP. I. Sulphur, S01	
II. Acids, 307	
III. Alkalies and alkaline salts, 331	
IV. Earths, and earthy salts, 372	
V. Antimony, 388	
VI. Silver, 407	
VII. Arsenic, 410	
VIII. Copper, - 411	
IX. Iron, 414	
X. Mercury, 422	
XI. Lead, - 453	
XII. Tin, 457	
XIII. Zinc, - ib.	
XIV. Alcohol, ether, and ethereal spirits, - 463	
XV. Drying of flowers and herbs, 10 - 11 475	
XVI. Expressed juices, 477	
XVII. Inspissated juices, 12 - 480 XVIII. Fixed oils, - 485	
XVIII. Fixed oils, 485  XIX. Oily preparations, 487	
XX. Volatile oils, 490	
XXI. Distilled waters, 499	<b>以源于那种间</b>
XXII. Empyreumatic volatile oils, 503	<b>新聞話翻聽題</b>
XXIII. Distilled spirits, 505	
XXIV. Infusions, 512	
XXV. Decoctions, 521	<b>基限時期提問</b>
XXVI. Mucilages, 531	O THE REAL PROPERTY AND ADDRESS OF THE PARTY A
	The second second second
	HERE THE REST
	2000年

xvi	CONTENTS.	
Page		Page
	Syrups, landsibom to dome and local .	1 533
	Iedicated honeys,	546
	mulsions and mixtures,	549
	edicated vinegars,	555
	inctures, old sometable leniolio Last	558
	inctures made with ethereal spirits,	583
	mmoniated or volatile tinctures, -	585
	ledicated wines,	587
	xtracts and resins,	591
XXXVI. P		605
	onserves, electuaries and confections,	612
XXXVIII. T		622
XXXIX. P	Secretary and the second secon	624
	ataplasms,	633
XLI. L	iniments, ointments, cerates, and plasters,	634
-278 W 600 Kosner	V. Earths, and carthy salts	
Tables, shewing mercury, conta Posological and particle of synonim English index, Latin index,	X. Iron, X. Iron, X. Iron, X. Iron, II. Lond, II. Tin, III. Zinc, III. Zinc,	663 667 683 711 729
DIRECTIO	NS FOR PLACING THE PLATI	ES.
	I. Expressed juices,	70%
065	PLATE I. page clxxivoint banasiqual 11	
281-	II. Fixed oils, di II -	
Late	III clxxviiaraqqqq eliO .X	LXS
094	IV. clxxvi silo olisto Z	Z.
499	V. clarilled wat filly xxl	N.
203	L Empyrecumic volatile oils,	Like
BOS MARK	II. Distilled spirits, conditing or the second	IXX.
212	V. Infusions, J. and J. vent D. and H. V.	LXX
198	V. Decocions,	Like