

INDEX.

PAGE	PAGE
Acid, arsenious	208
“ boric	208
“ carbonic	212
“ chloric	87
“ chlorous	180
“ hydrochloric	180
“ hydrofluoric	177
“ metaphosphoric	182
“ nitric	32
“ nitrous	101
“ orthophosphoric	113
“ oxalic	204
“ phosphoric	184
“ phosphorous	31
“ silicic	204
“ stearic	214
“ sulphuric	135
“ sulohurous	192
“ definition of	32
Acid Salts, definition of	216
Acids, monobasic	217
“ bibasic	204
“ formation from anhydrides ..	31
Action, chemical, modes of	223
Affinity, chemical	8
Air, atmospheric	143
“ composition of	143
“ detection of carbon dioxide in ..	150
Alkali, definition of	217
Ammonia, preparation and properties of ..	118
Ammonia Gas, detection of	126
“ “ Nessler's test for traces of ..	127
Ammonium	124
“ oxalate	134
Anæsthetic use of nitrous oxide	110
Analysis, definition of	15
Antidotes to sulphuretted hydrogen ..	198
“ phosphorus	204
“ arsenic	210
Antimony, distinguished from arsenic ..	170
Aqua Regia	207
Arsenic	210
“ Marsh's test	200
“ Reinsch's test	210
Arsenuretted hydrogen	210
Atom, definition of	20
Atomicities, classification of elements by ..	21
Atomicities, absolute	219
“ active	219
“ latent	219
Atomic theory	115
“ weight	29
“ elements, table of	227
Avogadro's Law	17
B	
Barium chloride	196
Base, definition of	217
Black oxide of manganese	27
Bleaching powder	174
Blowpipe, description of flame	100
Borax	212
Boric acid	212
Boron	212
Boyle and Mariotte's law	73
Bromine	180
Bunsen Burner	105
C	
Calcium carbonate	83
“ hydrate	84
“ phosphate	201
“ sulphate	134
Carbon, a reducing agent	68
“ allotropic forms of	69
“ combination in oxygen	31
“ heat of combustion of	158
Carbonates, properties of	84
“ common	84
Carbon dioxide, preparation of	85
“ “ properties of	86
“ “ action on lime water	88
“ “ formed by the combination of carbon in air or oxygen	33
“ “ decomposition of by growing plants ..	90
“ “ by magnesium	90
“ “ tests for	33
Carbon monoxide, preparation and properties of ..	96
“ “ tests	99
Charcoal, preparation of	94
“ absorbs gases	90
“ a deodorizing agent	98
“ a reducing agent	67
Chemistry, defined	1
Chemical combination	6
“ compounds and mechanical mixtures ..	12
“ equations	221
“ notation	20
Chlorine, preparation of	169