

TTWR DEGREE &PG COLLEGE(Men),NAGARKURNOOL @JADCHERLA

AFFILIATED TO PALAMURU UNIVERSITY

DEPARTMENT OF CHEMISTRY

LIST OF CONSUMABLES

S. No.	Chemical Name	Formula	Stock Register Page no.
A			
1	Acetic acid	C ₂ H ₄ O ₂	62, 103
2	Ammonium Molybdate	(NH ₄) ₂ MoO ₄	63
3	Ammonium carbonate	NH ₄ (CO ₃) ₂	69
4	Ammonium Chloride	NH ₄ Cl	75
5	Ammonium bromide	NH ₄ Br	78
6	Alluminium sulphate	Al ₂ (SO ₄) ₃	87
7	Ammonium sulphide	(NH ₄) ₂ S	93
8	Ammonium Oxalate	(NH ₄) ₂ C ₂ O ₄	95
9	Ammonium Hydroxide	NH ₄ OH	96
10	Ammonium dihydrogen orthophosphate	NH ₄ H ₂ PO ₄	105
11	Aniline	C ₆ H ₅ NH ₂	110
12	Ammonia buffer		121
13	Ammonium Sulphate	(NH ₄) ₂ SO ₄	123
14	Acetone	(CH ₃) ₂ CO	139
15	Acetanilide	C ₈ H ₉ NO	142
16	Acetyl chloride	CH ₃ COCl	162
17	Activated Charcoal		163
18	Acetaldehyde	C ₂ H ₄ O	190

19	Acetophenone	$C_6H_5COCH_3$	191
20	Acetamide	C_2H_5NO	193
21	Ammonium Ferrous sulphate	$(NH_4)_2SO_4 \cdot FeSO_4 \cdot 6H_2O$	209
B			
22	Barium hydroxide octa hydrate	$Ba(OH)_2 \cdot 8H_2O$	64
23	Barium Chloride dihydrate	$BaCl_2 \cdot 2H_2O$	70
24	Bismuth nitrate	$Bi(NO_3)_3 \cdot 5H_2O$	73
25	Barium Carbonate	$BaCO_3$	74
26	Barium sulphate	$BaSO_4$	77, 84
27	Benzene	C_6H_6	111
28	Bromine	Br_2	113, 146
29	Benzoyl Chloride	C_7H_5OCl	118
30	Benzaldehyde	C_6H_5CHO	132
31	Benzoic Acid	$C_7H_6O_2$	155
32	Benzophenone	$C_{13}H_{10}O$	192
33	Benzamide	C_7H_7NO	194
34	Bleaching powder	$CaCl_2 \cdot O_2$	198
C			
35	Cupric sulphate pentahydrate	$CuSO_4 \cdot 5H_2O$	12
36	Calcium hydroxide	$Ca(OH)_2$	88
37	Cobaltous nitrate hexa hydrate	$Co(NO_3)_2 \cdot 6H_2O$	98
38	Cadmium Chloride hemi hydrate	$CdCl_2 \cdot \frac{1}{2} H_2O$	108

39	Chromium Tri oxide	CrO3	200
40	Cinnamic Acid	C9H8O2	201
41	4-Chloro Aniline	C6H6ClN	206
D			
42	Diphenyl amine	C12H11N	50, 207
43	Dimethyl Glyoxime	C4H8N2O2	94, 10
44	Di-Sodium hydrogen orthophosphate anhydrous	Na2HPO4	97
45	2,4-Dinitrophenyl hydrazine	C6H6N4O4	115
46	Dimethyl sulphate	(CH3)2SO4	156
47	Diethyl ether	(C2H5)2O	165
48	Dextrose Anhydrous	C6H12O6	184
49	D-Fructose	C6H12O6	196
E			
50	Eriochrome Black-T	C20H12N3NaO7S	8
51	EDTA Solution		52
52	Ethylene diamine tetra acetate di sodium salt	C10H14N2Na2O8	104
53	Ethyl acetate	C4H8O2	195
54	Ethyl methyl ketone		205
F			
55	Ferrous sulphate	FeSO47H2O	67
56	Ferric Chloride	FeCl3	68
57	Fehling A Solution	CUSO4	188

58	Fehling B Solution	$\text{KNaC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$	189
H			
59	Hydrogen peroxide	H_2O_2	60
60	Hydrochloric Acid	HCl	56, 102
I			
61	Iodine	I_2	
62	Iodine Resublimed	I_2	208
L			
63	Lead Chloride	PbCl_2	72
64	Lead Acetate	$\text{C}_4\text{H}_6\text{O}_4\text{Pb}$	86
M			
65	Methyl Orange pH Indicator solution	$\text{C}_{14}\text{H}_{14}\text{N}_3\text{NaO}_3\text{S}$	48
66	Methyl Red Solution	$\text{C}_{15}\text{H}_{15}\text{N}_3\text{O}_2$	51
67	Magnesium Sulphate hepta hydrate	$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	83
68	Methyl Acetate	$\text{C}_3\text{H}_6\text{O}_2$	217
N			
69	Nessler's Reagent	$\text{K}_2(\text{HgI}_4)$	53
70	Nitric Acid	HNO_3	54
71	Nickel Sulphate Hexa hydrate	$\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$	82
72	Nickel Nitrate hexa hydrate	$\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	85
73	Nitrobenzene	$\text{C}_6\text{H}_5\text{NO}_2$	112
74	1-Napthol	$\text{C}_{10}\text{H}_8\text{O}$	133
75	Nickel chloride hexa hydrate	$\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$	106

76	n-Butanol	CH ₃ (CH ₂) ₃ OH	109
77	2-Napthol	C ₁₀ H ₈ O	140, 158
78	2-Nitroaniline	C ₆ H ₆ N ₂ O ₂	159
79	2-Nitrophenol	C ₆ H ₅ NO ₃	213
O			
80	Oxalic Acid	C ₂ H ₂ O ₄ ·2H ₂ O	61
81	Ortho phosphoric Acid	H ₃ PO ₄	
82	O-Cresol	C ₇ H ₈ O	204
P			
83	Potassium Iodate	KIO ₃	14
84	Potassium Dichromate	K ₂ Cr ₂ O ₇	65
85	Potassium permanganate	KMnO ₄	66
86	Potassium Iodide	KI	80
87	Potassium Chromate	K ₂ CrO ₄	91
88	Picric Acid	C ₆ H ₃ N ₃ O ₇	99
89	Phenolphthalein indicator solution	C ₂₀ H ₁₄ O ₄	101
90	Potassium Ferro cyanide	K ₄ Fe(CN) ₆ ·3H ₂ O	107
91	Petroleum Ether	C ₆ H ₁₄	114
92	Phenol	C ₆ H ₅ OH	117
93	Pyridine	C ₅ H ₅ N	153
94	P-Nitro aniline	C ₆ H ₆ N ₂ O ₂	160
95	Potassium Chloride	KCl	164
96	Phthalic Acid	C ₆ H ₄ (COOH) ₂	202
97	Potassium Hydroxide	KOH	210

98	Phthalate anhydride	C ₈ H ₄ O ₃	211
99	P-Nitro phenol	C ₆ H ₅ NO ₃	214
Q			
100	Quinhydrone	C ₁₂ H ₁₀ O ₄	100
R			
101	Resorcinol	C ₆ H ₆ O ₂	203
S			
102	Sodium Oxalate	(COONa) ₂	5
103	Starch Potato		49
104	Sulphuric Acid	H ₂ SO ₄	55
105	Sodium Hydroxide	NaOH	57
106	Sodium Carbonate	NaCO ₃	58
107	Sodium hydrogen Carbonate	NaHCO ₃	59
108	Sodium thiosulphate	Na ₂ S ₂ O ₃ ·5H ₂ O	81
109	Silver nitrate	Ag(NO ₃) ₃	89
110	Stannous Chloride	SnCl ₂ ·2H ₂ O	90
111	Sodium sulphide	Na ₂ S x H ₂ O	92
112	Silica Gel		119
113	Solochoorme Balck-T	C ₂₀ H ₁₂ N ₃ NaO ₇ S	122
114	Schiff's Reagent		134
115	Sodium nitrite	NaNO ₂	141
116	Salicylic Acid	C ₆ H ₄ (OH)COOH	152
117	Sodium Acetate tri hydrate	C ₂ H ₃ O ₂ Na·3H ₂ O	161
118	Sodium Metal	Na	181
119	Sodium Nitroprusside		212

120	Sucrose	C ₁₂ H ₂₂ O ₁₁	183
121	Sodium Hydrogen Sulphate	NaHSO ₃	
T			
122	Tetrahydrofuran	C ₄ H ₈ O ₂	66
123	Toluene Sulphur free	C ₇ H ₈ O	185
124	Tollens reagent	[Ag(NH ₃) ₂] ⁺	187
125	Thiourea	NH ₂ CSNH ₂	199
U			
126	Urea	NH ₂ CONH ₂	197
Z			
127	Zinc Sulphate hepta hydrate	ZnSO ₄ 7H ₂ O	76
128	Zinc metal dust	Zn	182