SRP PUBLIC SCHOOL SARAIMEER

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ompound name	*Molecular weight*	*Molecular formula*	
1	*Acetic acid*	*60.052 g/mol*	CH_3COOH
2	*Hydrochloric acid*	*36.458 g/mol*	HCl
3	*Sulfuric acid*	*98.072 g/mol*	H_2SO_4
4	*Acetate*	*59.044 g/mol*	CH_3COO^-
5	*Ammonia*	*17.031 g/mol*	NH_3
6	*Nitric acid*	*63.012 g/mol*	HNO_3
7	*Phosphoric acid*	*97.994 g/mol*	H_3PO_4
8	*Sodium phosphate*	*119.976 g/mol*	Na_3PO_4
9	*Calcium carbonate*	*100.086 g/mol*	$CaCO_3$
10	*Ammonium sulfate*	*132.134 g/mol*	$(NH_4)_2SO_4$
11	*Carbonic acid*	*62.024 g/mol*	H_2CO_3
12	*Sodium bicarbonate*	*84.0066 g/mol*	$NaHCO_3$
13	*Sodium hydroxide*	*39.997 g/mol*	$NaOH$
14	*Calcium hydroxide*	*74.092 g/mol*	$Ca(OH)_2$
15	*Ethanol*	*46.069 g/mol*	C_2H_5OH

16	Hydrobromic acid	80.912 g/mol	HBr
17	Nitrous acid	47.013 g/mol	HNO_2
18	Potassium hydroxide	56.11 g/mol	KOH
19	Silver nitrate	169.872 g/mol	$AgNO_3$
20	Sodium carbonate	105.988 g/mol	Na_2CO_3
21	Sodium chloride	58.44 g/mol	$NaCl$
22	Cellulose	162.1406 g/mol	$(C_6H_{10}O_5)n$
23	Magnesium hydroxide	58.319 g/mol	$Mg(OH)_2$
24	Methane	16.043 g/mol	CH_4
25	Nitrogen dioxide	30.006 g/mol	NO_2
26	Sodium nitrate	84.994 g/mol	$NaNO_3$
27	Sulfurous acid	82.073 g/mol	H_2SO_3
28	Aluminium sulfate	342.15 g/mol	$Al_2(SO_4)_3$
29	Aluminum oxide	101.96 g/mol	Al_2O_3
30	Ammonium nitrate	80.043 g/mol	NH_4NO_3
31	Ammonium phosphate	132.056 g/mol	$(NH_4)_3PO_4$
32	Barium hydroxide	171.341 g/mol	$Ba(OH)_2$
33	Carbon tetrachloride	153.811 g/mol	CCl_4
34	Citric acid	192.123 g/mol	$C_6H_8O_7$

35	Hydrocyanic acid	27.026 g/mol	HCN
36	Salicylic Acid	138.121 g/mol	$C_7H_6O_3$
37	Hydroiodic acid	127.91 g/mol	HI
38	Hypochlorous acid	52.457 g/mol	$HClO$
39	Iron iii oxide	159.687 g/mol	Fe_2O_3
40	Magnesium phosphate	262.855 g/mol	$Mg_3(PO_4)_2$
41	Sodium acetate	82.0343 g/mol	$C_2H_3NaO_2$
42	Sodium sulfate	142.036 g/mol	Na_2SO_4
43	Sucrose	342.2965 g/mol	$C_{12}H_{22}O_{11}$
44	Potassium nitrate	101.102 g/mol	KNO_3
45	Ammonium bicarbonate	96.086 g/mol	NH_4HCO_3
46	Ammonium chloride	53.489 g/mol	NH_4Cl
47	Ammonium hydroxide	35.046 g/mol	NH_4OH
48	Calcium nitrate	164.088 g/mol	$Ca(NO_3)_2$
49	Calcium oxide	56.0774 g/mol	CaO
50	Carbon monoxide	28.01 g/mol	CO
51	Chlorine gas	70.9 g/mol	Cl_2
53	Phenol	94.11 g/mol	C_6H_6O

54	Hydrogen peroxide	34.0147 g/mol	H_2O_2
55	Hydroxide	17.007 g/mol	OH^-
56	Magnesium chloride	95.211 g/mol	$MgCl_2$
57	Potassium chloride	74.5513 g/mol	KCl
58	Potassium iodide	166.0028 g/mol	KI
59	Sulfur dioxide	64.066 g/mol	SO_2
60	Glycerin	92.09 g/mol	$C_3H_8O_3$
61	Barium nitrate	261.337 g/mol	$Ba(NO_3)_2$
62	Calcium acetate	158.17 g/mol	$C_4H_6O_4Ca$
63	Iron oxide	159.69 g/mol	Fe_2O_3
64	Potassium carbonate	138.205 g/mol	K_2CO_3
65	Silver chloride	143.318 g/mol	$AgCl$
66	Sodium iodide	149.894 g/mol	NaI
67	Sodium oxide	61.9789 g/mol	Na_2O
68	Sodium sulfide	78.0452 g/mol	Na_2S
69	Zinc nitrate	189.388 g/mol	$Zn(NO_3)_2$
70	Phenolphthalein	318.32 g/mol	$C_{20}H_{14}O_4$
71	Magnesium nitrate	148.313 g/mol	$Mg(NO_3)_2$
72	Silicon dioxide	60.083 g/mol	SiO_2

73	Acetone	58.08 g/mol	C_3H_6O
74	Hydroquinone	110.11 g/mol	$C_6H_6O_2$
75	Pyridine	79.1 g/mol	C_5H_5N
76	Ammonium acetate	77.083 g/mol	$C_2H_3O_2NH_4$
77	Xylene	106.16 g/mol	C_8H_{10}
78	Barium sulfate	233.38 g/mol	$BaSO_4$
79	Benzene	78.11 g/mol	C_6H_6
80	Bicarbonate	61.016 g/mol	CHO_3^-
81	Chromate	15.992 g/mol	CrO_4^{2-}
82	Methyl Ethyl Ketone	72.107 g/mol	C_4H_8O
83	Cyanide	26.02 g/mol	CN^-
84	Trichloroacetic acid	163.38 g/mol	$C_2HCl_3O_2$
85	Magnesium sulfate	120.361 g/mol	$MgSO_4$
86	Methanol	32.04 g/mol	CH_3OH
87	Oxygen	Atomic mass 15.999 g/mol	O
88	Methylene blue	319.85 g/mol	$C_{16}H_{18}ClN_3S$
89	Sodium sulfite	126.043 g/mol	Na_2SO_3
90	Sulfur trioxide	80.057 g/mol	SO_3
91	Aluminum phosphate	121.951 g/mol	$AlPO_4$

92	Stearic acid	284.484 g/mol	$C_{18}H_{36}O_2$
93	Dinitrogen monoxide	44.013 g/mol	N_2O
94	Titanium dioxide	233.38 g/mol	TiO_2
95	Acetonitrile	41.053 g/mol	C_2H_3N
96	Oxalic acid	90.03 g/mol	$H_2C_2O_4$
97	Potassium dichromate	294.185 g/mol	$K_2Cr_2O_7$
98	Sodium bromide	102.894 g/mol	$NaBr$
99	Sodium hypochlorite	74.439 g/mol	$NaClO$
100	Zinc acetate	183.48 g/mol	$Zn(CH_3COO)_2(H_2O)_2$
101	Zinc chloride	136.286 g/mol	$ZnCl_2$
102	Zinc hydroxide	99.424 g/mol	$Zn(OH)_2$
103	Magnesium carbonate	84.313 g/mol	$MgCO_3$
104	Potassium chlorate	122.545 g/mol	$KClO_3$
105	Hydrazine	32.0452 g/mol	N_2H_4
106	Ascorbic acid	176.12 g/mol	$C_6H_8O_6$
107	Benzoic acid	122.12 g/mol	$C_7H_6O_2$
108	Resorcinol	110.1 g/mol	$C_6H_6O_2$
109	Chlorine	70.9 g/mol	Cl_2
110	Maleic acid	116.072 g/mol	C4H4O4

111	Sodium metabisulfite	190.107 g/mol	$Na_2S_2O_5$
112	Acetamide	59.068 g/mol	C_2H_5NO
113	Sodium silicate	122.062 g/mol	$(Na_2O)_x \cdot SiO_2$
114	Nitrite	46.005 g/mol	NO_2^-
115	Phosphate	94.9714 g/mol	PO_4^{3-}
116	Dichloromethane	84.93 g/mol	CH_2Cl_2
117	Carbon Disulfide	76.13 g/mol	CS_2
118	Potassium chromate	194.189 g/mol	CrK_2O_4
119	Zinc sulfate	161.436 g/mol	$ZnSO_4$
120	Iodine	Atomic mass 126.90 g/mol	I
121	Tannic acid	1701.19 g/mol	$C_{76}H_{52}O_{46}$
122	Aluminum	26.982 g/mol	Al
123	Perchloric acid	100.46 g/mol	$HClO_4$
124	Hypochlorite	51.449 g/mol	ClO^-
125	Potassium Bromide	119.002 g/mol	KBr
126	Chromic acid	118.01 g/mol	H_2CrO_4
127	Dihydrogen monoxide	18.01528 g/mol	OH_2
128	Methyl acetate	74.079 g/mol	$C_3H_6O_2$
129	Dimethyl sulfoxide	78.13 g/mol	C_2H_6OS

130	Hexane	86.18 g/mol	C_6H_{14}
131	Eugenol	164.2 g/mol	$C_{10}H_{12}O_2$
132	Manganese dioxide	86.9368 g/mol	MnO_2
133	Lactic acid	90.078 g/mol	$C_3H_6O_3$
134	Sodium potassium tartrate	282.1 g/mol	$C_4H_4O_6KNa{\cdot}4H_2O$
135	Hexamine	140.186 g/mol	$C_6H_{12}N_4$
136	Lithium hydroxide	23.95 g/mol	$LiOH$
137	Phosphorus pentachloride	208.24 g/mol	PCl_5
138	Potassium oxide	94.2 g/mol	K_2O
139	Monopotassium phosphate	136.084 g/mol	KH_2PO_4
140	Silver acetate	166.91 g/mol	$AgC_2H_3O_2$
141	Sodium citrate	258.06 g/mol	$Na_3C_6H_5O_7$
142	Sodium fluoride	41.98817 g/mol	NaF
143	Sodium nitrite	68.9953 g/mol	$NaNO_2$
144	Sulfate ion	96.06 g/mol	SO_4^{2-}
145	Barium carbonate	197.34 g/mol	$BaCO_3$
146	Calcium iodide	293.887 g/mol	CaI_2
147	Hydrogen sulfate	97.064 g/mol	HSO_4^-

148	Lithium oxide	29.88 g/mol	Li_2O
149	Dimethylglyoxime	116.12 g/mol	$C_4H_8N_2O_2$
150	Potassium Permanganate	158.034 g/mol	$KMnO_4$
151	Silver phosphate	418.58 g/mol	Ag_3PO_4
152	Ammonium bromide	97.943 g/mol	NH_4Br
153	Calcium phosphate	310.18 g/mol	$Ca_3(PO_4)_2$
154	Dichromate	294.185 g/mol	$K_2Cr_2O_7$
155	Aluminum sulfide	150.158 g/mol	Al_2S_3
156	Ammonium carbonate	96.086 g/mol	$(NH_4)_2CO_3$
157	Barium chloride	208.23 g/mol	$BaCl_2$
158	Nitrogen monoxide	30.006 g/mol	NO
159	Fructose	180.16 g/mol	$C_6H_{12}O_6$
160	Magnesium iodide	278.1139 g/mol	MgI_2
161	Magnesium sulfide	56.38 g/mol	MgS
162	Ozone	48 g/mol	O_3
163	Potassium cyanide	65.12 g/mol	KCN
164	Silver oxide	231.735 g/mol	Ag_2O
165	Sodium chromate	161.97 g/mol	Na_2CrO_4
166	Sodium peroxide	77.98 g/mol	Na_2O_2

167	Toluene	92.14 g/mol	C_7H_8
168	Zinc carbonate	125.388 g/mol	$ZnCO_3$
169	Zinc phosphate	386.11 g/mol	$Zn_3(PO_4)_2$
170	Zinc sulfide	97.474 g/mol	ZnS
171	Para dichlorobenzene	147.01 g/mol	$C_6H_4Cl_2$
172	Boric acid	61.83 g/mol	H_3BO_3
173	Oxalate	88.018 g/mol	$C_2O_4^{2-}$
174	Potassium bicarbonate	100.114 g/mol	$KHCO_3$
175	Potassium hypochlorite	90.55 g/mol	$KClO$
176	Potassium nitrite	85.103 g/mol	KNO_2
177	Bromothymol Blue	624.384 g/mol	$C_{27}H_{28}Br_2O_5S$
178	Ammonium iodide	144.94 g/mol	NH_4I
179	Ammonium nitrite	64.06 g/mol	NH_4NO_2
180	Ammonium oxide	52.0763 g/mol	$(NH_4)_2O$
181	Argon gas	39.948 g/mol	Ar
182	Barium bromide	297.14 g/mol	$BaBr_2$
183	Barium iodide	391.136 g/mol	BaI_2
184	Bromate	127.901 g/mol	BrO_3^-
185	Dinitrogen trioxide	76.01 g/mol	N_2O_3

186	Ethylene glycol	62.07 g/mol	$C_2H_6O_2$
187	Nickel sulfate	154.75 g/mol	$NiSO_4$
188	Helium	atomic mass 4.002602 u	He
189	Iodide	253.809 g/mol	I^-
190	Lead ii acetate	325.29 g/mol	$Pb(C_2H_3O_2)_2$
191	Lithium chloride	42.394 g/mol	LiCl
192	Phosphate ion	94.9714 g/mol	PO_4^{3-}
193	Potassium fluoride	58.0967 g/mol	KF
194	Potassium sulfite	158.26 g/mol	K_2SO_3
195	Silver carbonate	275.7453 g/mol	Ag_2CO_3
196	Sodium cyanide	49.0072 g/mol	NaCN
197	Sodium nitride	82.976 g/mol	Na_3N
198	Strontium chloride	158.52 g/mol	$SrCl_2$
199	Strontium nitrate	211.628 g/mol	$Sr(NO_3)_2$
200	Urea	60.056 g/mol	CH_4N_2O
201	Bleach	74.439 g/mol	NaClO
202	Lithium bromide	86.844 g/mol	LiBr
203	Aluminum fluoride	83.9767 g/mol	AlF_3
204	Barium fluoride	175.34 g/mol	BaF_2

205	Butanoic acid	88.11 g/mol	$C_4H_8O_2$
206	Calcium hydride	42.094 g/mol	CaH_2
207	Copper ii carbonate	123.55 g/mol	$CuCO_3$
208	Fluorine	18.998403 u	F
209	Lithium phosphate	115.79 g/mol	Li_3PO_4
210	Glycerol	92.09382 g/mol	$C_3H_8O_3$
211	Hypobromous acid	96.911 g/mol	$HBrO$
212	Hypoiodous acid	143.89 g/mol	HIO
213	Lead iodide	461.01 g/mol	PbI_2
214	Lithium iodide	133.844 g/mol	LiI
215	Magnesium oxide	40.3044 g/mol	MgO
216	Urethane	89.09 g/mol	$C_3H_7NO_2$
217	Nickel nitrate	182.703 g/mol	$Ni(NO_3)_2$
218	Sodium dichromate	261.97 g/mol	$Na_2Cr_2O_7$
219	Tartaric acid	150.087 g/mol	$C_4H_6O_6$
220	Zinc iodide	319.22 g/mol	ZnI_2
221	Bromine	54.9380 g/mol	Br
222	Aluminum bromide	266.69 g/mol	$AlBr_3$
223	Sodium Percarbonate	157.01 g/mol	$C_2H_6Na_4O_{12}$

224	Nickel acetate	178.797 g/mol	$C_4H_6O_4Ni$
225	Sodium Thiosulfate	158.11 g/mol	$Na_2S_2O_3$
226	Acetaldehyde	44.05 g/mol	C_2H_4O
227	Copper sulfate	159.609 g/mol	$CuSO_4$
228	Mannitol	182.172 g/mol	$C_6H_{14}O_6$
229	Calcium Chloride	110.98 g/mol	$CaCl_2$
230	Monosodium Glutamate	169.111 g/mol	$C_5H_8NO_4Na$
231	Polystyrene	104.1 g/mol	$(C_8H_8)_n$
232	Calcium Carbide	64.099 g/mol	CaC_2
233	Tetrachloroethylene	165.83 g/mol	C_2Cl_4
234	Sodium Chlorate	106.44 g/mol	$NaClO_3$
235	Potassium Iodate	214.001 g/mol	KIO_3
236	Lead Acetate	325.29 g/mol	$Pb(C_2H_3O_2)_2$
237	Potassium Thiocyanate	97.181 g/mol	$KSCN$
238	Butane	58.12 g/mol	C_4H_{10}
239	Maltose	342.3 g/mol	$C_{12}H_{22}O_{11}$
240	Polyurethane Foam	548.589 g/mol	$C_{27}H_{36}N_2O_{10}$
241	Formaldehyde	30.031 g/mol	CH_2O
242	Formic Acid	46.03 g/mol	$HCOOH$

243	Sulfur Hexafluoride	146.06 g/mol	SF_6
244	Phosphorus Trichloride	137.33 g/mol	PCl_3
245	Ethane	30.07 g/mol	C_2H_6
246	Dinitrogen Pentoxide	30.07 g/mol	N_2O_5
247	Phosphorous Acid	82 g/mol	H_3PO_3
248	Potassium Ferrocyanide	368.35 g/mol	$K_4Fe(CN)_6$
249	Xenon Difluoride	169.29 g/mol	XeF_2
250	Diatomic Bromine	159.808 g/mol	Br_2
251	Phenyl	77.106 g/mol	C_6H_5
252	Phosphorus Triiodide	411.6872 g/mol	PI_3
253	Peroxydisulfuric Acid	194.14 g/mol	$H_2S_2O_8$
254	Dipotassium Phosphate	174.2 g/mol	K_2HPO_4
255	Aluminium hydroxide	78.00 g/mol	$Al(OH)_3$
256	Ammonium persulfate	228.18 g/mol	$(NH_4)_2S_2O_8$
257	Sodium borate	201.22 g/mol	$Na_2[B_4O_5(OH)_4]\cdot 8H_2O$
258	Chloroacetic acid	94.49 g/mol	$C_2H_3O_2Cl$
259	Potassium acetate	98.142 g/mol	CH_3CO_2K
260	Barium oxide	153.326 g/mol	BaO

261	*Copper(I) Oxide*	*143.09 g/mol*	*Cu_2O*
262	*Copper Hydroxide*	*97.561 g/mol*	*$Cu(OH)_2$*
263	*Tin Oxide*	*97.561 g/mol*	*SnO_2*
264	*Chlorine Trifluoride*	*92.448 g/mol*	*ClF_3*
265	*Ethylene*	*28.054 g/mol*	*C_2H_4*
266	*Acetylene*	*26.038 g/mol*	*C_2H_2*
267	*Chromic Oxide*	*151.9904 g/mol*	*Cr_2O_3*
268	*Sodium bisulfate*	*120.06 g/mol*	*$NaHSO_4$*
269	*Copper (II) chloride*	*134.45 g/mol*	*$CuCl_2$*
270	*Mercuric chloride*	*271.52 g/mol*	*$HgCl_2$*
271	*Tin (II) chloride*	*189.60 g/mol*	*$SnCl_2$*
272	*Propane*	*44.097 g/mol*	*C_3H_8*
273	*Lead (IV) oxide*	*239.1988 g/mol*	*PbO_2*