Mole Conversion Chart

(0.001 to 20 mol)

Moles (mol)	Particles ($\times 10^{23}$)	Volume at STP (L)	grams H_2O (g)	grams CO_2 (g)	grams NaCl (g)	grams Glucose (g)
0.001	0.006022	0.022414	0.018	0.044	0.0584	0.1802
0.005	0.03011	0.11207	0.0901	0.2201	0.2922	0.9008
0.01	0.06022	0.22414	0.1802	0.4401	0.5844	1.8016
0.05	0.3011	1.121	0.901	2.201	2.922	9.008
0.1	0.6022	2.2414	1.802	4.401	5.844	18.016
0.5	3.011	11.207	9.0075	22.005	29.22	90.08
1	6.022	22.414	18.015	44.01	58.44	180.16
2	12.044	44.828	36.03	88.02	116.88	360.32
5	30.11	112.07	90.075	220.05	292.2	900.8
10	60.22	224.14	180.15	440.1	584.4	1801.6
15	90.33	336.21	270.23	660.15	876.6	2702.4
20	120.44	448.28	360.3	880.2	1168.8	3603.2