Moles (mol)	Particles (×10^23)	Volume at STP (L)	grams H_2O (g)	grams CO_2 (g)	grams NaCl (g)	grams Glucose (g)
0.01	0.0602	0.224	0.18	0.44	0.584	1.8016
0.05	0.3011	1.121	0.901	2.201	2.922	9.008
0.1	0.6022	2.241	1.802	4.401	5.844	18.016
0.25	1.5055	5.6035	4.504	11.003	14.61	45.04
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
3	18.066	67.242	54.05	132.03	175.32	540.48
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

Mole Conversion Chart

(Left: moles. Next: particles. Then volumes at STP. Then grams for several common compounds.)