

MINERAL MAKEUP OF SEAWATER

In order of most to least:

ELEMENT	MOLECULAR WEIGHT	PPM IN SEAWATER	MOLAR CONCENTRATION
Chloride	35.4	18980	0.536158
Sodium	23	10561	0.459174
Magnesium	24.3	1272	0.052346
Sulfur	32	884	0.027625
Calcium	40	400	0.01
Potassium	39.1	380	0.009719
Bromine	79.9	65	0.000814
Carbon (inorganic)	12	28	0.002333
Strontium	87.6	13	0.000148
Boron	10.8	4.6	0.000426
Silicon	28.1	4	0.000142
Carbon (organic)	12	3	0.00025
Aluminum	27	1.9	0.00007
Fluorine	19	1.4	0.000074
N as nitrate	14	0.7	0.00005
Nitrogen (organic)	14	0.2	0.000014
Rubidium	85	0.2	0.0000024
Lithium	6.9	0.1	0.000015
P as Phosphate	31	0.1	0.0000032
Copper	63.5	0.09	0.0000014
Barium	137	0.05	0.00000037

Iodine	126.9	0.05	500 ppm	0.00000039
N as nitrite	14	0.05		0.0000036
N as ammonia	14	0.05		0.0000036
Arsenic	74.9	0.024		0.00000032
Iron	55.8	0.02		0.00000036
P as organic	31	0.016		0.00000052
Zinc	65.4	0.014		0.00000021
Manganese	54.9	0.01		0.00000018
Lead	207.2	0.005		0.000000024
Selenium	79	0.004		0.000000051
Tin	118.7	0.003		0.000000025
Cesium	132.9	0.002		0.000000015
Molybdenum	95.9	0.002		0.000000021
Uranium	238	0.0016		0.0000000067
Gallium	69.7	0.0005		0.0000000072
Nickel	58.7	0.0005		0.0000000085
Thorium	232	0.0005		0.0000000022
Cerium	140	0.0004		0.0000000029
Vanadium	50.9	0.0003		0.0000000059
Lanthanum	139.9	0.0003		0.0000000022
Yttrium	88.9	0.0003		0.0000000034
Mercury	200.6	0.0003		0.0000000015
Silver	107.9	0.0003		0.0000000028
Bismuth	209	0.0002		0.00000000096
Cobalt	58.9	0.0001		0.0000000017
Gold	197	0.000008		0.00000000004