

Material	Value (mg/L)	g/L	molar mass (g/mol)	mol/L	mol fraction	mol percent	Percent of non-water molecules
Calcium	163	0.163	40.078	0.004067069215	0.000073248333	0.007324833344	0.1328053702
Mg	69	0.069	24.305	0.002838922033	0.000051129276	0.00511292768	0.0927016659
Na	414	0.414	22.99	0.01800782949	0.000324322855	0.0324322855	0.5880245297
NaSO3						0.000229641387	0.004163590904
Sulfate	505	0.505	96.06	0.00525713096	0.000094681467	0.009468146745	0.1716654393
Ba	0.04	0.00004	137.33	0.000000291269	0.000000005245	0.000000524578	0.00000951105394
NO3	17.9	0.0179	62.0049	0.000288686861	0.000005199279	0.000519927997	0.009426730537
Silt	5.6	0.0056			0	0	0
F	0.7	0.0007	18.998	0.000036845983	0.000000663599	0.000066359994	0.001203162341
Arsenic	0.003	0.000003	74.9216	0.000000040041	0.000000000721	0.000000072115	0.000001307519832
Water	1.00E+06	1.00E+03	18.02	5.55E+01	9.99E-01	9.99E+01	1.000001308
	1175.243			0.03049681586	1	100	
				55.52439249			
					Total non-water	0.05515464722	