

Convert an analysis to a formula

Pyroxene Analysis

Oxide	Mol Weight	Weight Percent	Mol Oxide	Mol O	Mol Cation	Cations normalized to 6 O
SiO ₂	60.08	53.8	0.89547	1.79095	0.89547	1.961
TiO ₂	79.90	0.18	0.00225	0.00451	0.00225	0.005
Al ₂ O ₃	101.96	1.4	0.01373	0.04119	0.02746	0.060
Cr ₂ O ₃	151.99	0.9	0.00592	0.01776	0.01184	0.026
FeO	71.84	3.0	0.04176	0.04176	0.04176	0.091
MnO	70.94	0.07	0.00099	0.00099	0.00099	0.002
MgO	40.30	16.7	0.41439	0.41439	0.41439	0.907
CaO	56.08	23.8	0.42439	0.42439	0.42439	0.929
Na ₂ O	61.98	0.27	0.00436	0.00436	0.00871	0.019
Total		100.12	1.80327	2.74030		4.001
Number of O atoms	6					
Normalization factor	2.18954					