

Electron microprobe (Shimadzu-1720), WDS; acceleration voltage =15 kV; beam current = 10 nA, beam diameter = 5 μ m, Number of analyses = 9.

Table 1. Analytical data (in wt.%) for yuzuxiangite

Constituent	Mean	Range	Stand. Dev.	<i>apfu</i>	Probe Standard
SiO ₂	34.54	33.57-35.30	0.56	3.98	Pure SiO ₂
Al ₂ O ₃	0.80	0.55-1.09	0.16	0.11	Pure corundum Al ₂ O ₃
Fe ₂ O ₃	10.56	9.92-10.94	0.32	0.91	Pure Fe ₂ O ₃
SrO	44.06	41.05-45.85	1.33	2.94	Pure SrSO ₄
PbO	1.24	0.43-2.72	0.80	0.04	Pure PbSO ₄
CaO	0.17	0.09-0.24	0.05	0.02	Pure CaSiO ₃
H ₂ O*	9.09			6.98	
Total	100.47	99.53-101.42	0.28		

Note: *The H₂O content was added according to the value in the ideal formula.