

AM-86-294

The crystal structure of $\text{Fe}^{2+}\text{Fe}_2^{3+}(\text{PO}_3(\text{OH})_4(\text{H}_2\text{O})_4)_4$: a new synthetic compound
of mineralogic interest
Vencato et al.

Table 384

Am. Min., 71, 1-2

Table 4. Anisotropic temperature factors*
for $\text{Fe}^{2+}\text{Fe}_2^{3+}(\text{PO}_3\text{OH})_4(\text{H}_2\text{O})_4$

Atom	U(11)	U(22)	U(33)	U(23)	U(13)	U(12)
Fe(1)	99(6)	128(6)	157(7)	21(5)	13(5)	-5(5)
Fe(2)	80(4)	100(4)	105(4)	-9(4)	-6(3)	8(3)
P(1)	70(7)	78(7)	76(7)	-12(6)	-10(5)	8(6)
P(2)	72(7)	83(7)	152(8)	-6(6)	-3(6)	2(6)
O(1)	7(2)	12(2)	18(2)	0(2)	-4(2)	1(2)
O(2)	21(3)	20(3)	8(2)	5(2)	-1(2)	-3(2)
O(3)	9(2)	11(2)	14(2)	1(2)	-4(2)	0(2)
O(4)	12(2)	17(2)	8(2)	1(2)	2(2)	5(2)
O(5)	5(2)	18(3)	28(3)	-6(2)	-5(2)	4(2)
O(6)	12(2)	18(3)	31(3)	-5(2)	1(2)	4(2)
O(7)	12(2)	18(3)	19(3)	-6(2)	-4(2)	3(2)
O(8)	37(4)	18(3)	44(4)	20(3)	19(3)	2(3)
OW(1)	29(3)	18(3)	25(3)	7(2)	-7(2)	-3(2)
OW(2)	21(3)	28(3)	12(3)	4(2)	-4(2)	2(2)

* Fe(1) to P(2) ($\times 10^4$) and O(1) to OW(2) ($\times 10^3$).

To be deposited

AM-86-294

