

## BRIEF COMMUNICATIONS

On the Structure of  $\text{Al}_2(\text{SeO}_3)_3 \cdot 6\text{H}_2\text{O}$ 

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The structure of the compound  $\text{Al}_2(\text{SeO}_3)_3 \cdot 6\text{H}_2\text{O}$  was recently described (1) as trigonal with space group  $P31c$  (No. 159). It has been kindly pointed out by Professor Richard Marsh (2) that this structure is better described in the hexagonal space group  $P\bar{6}2c$  (No. 190). A refinement in the latter space group against the single-crystal X-ray data led to final agreement factor of  $R = 2.61\%$  and  $R_w =$

2.80%. The revised atomic coordinates are given in Table I.

There are no other significant changes in the description of the structure.

## References

1. R. E. MORRIS, W. T. A. HARRISON, G. D. STUCKY, AND A. K. CHEETHAM, *J. Solid State Chem.* **94**, 227 (1991).
2. R. E. MARSH, private communication (1991).

TABLE I  
ATOMIC COORDINATES (WITH e.s.d.'s) IN SPACE GROUP  $P\bar{6}2c$   
HEXAGONAL:  $a = 8.8020(6)$  Å,  $c = 10.7070(8)$  Å

Atom	$x/a$	$y/b$	$z/c$	$U(\text{equiv})/\text{Å}^2$
Al(1)	0.6667	0.3333	0.0333(2)	0.0143
Se(1)	0.38176(6)	0.25734(7)	0.2500	0.0136
O(1)	0.5174(4)	0.6845(4)	0.4287(3)	0.0192
O(2)	0.6213(4)	0.1344(4)	0.1281(3)	0.0178
O(3)	0.2363(6)	0.3247(6)	0.2500	0.0195
H(1)	0.19(1)	0.409(9)	0.378(6)	0.05(2) <sup>a</sup>
H(2)	0.08(1)	0.48(1)	0.420(7)	0.04(2) <sup>a</sup>

Note.  $U(\text{equiv}) = (U_1U_2U_3)^{1/3}$ .

<sup>a</sup>  $U(\text{iso})$ .