JOURNAL OF SOLID STATE CHEMISTRY 81, 317 (1989)

CORRIGENDUM

Synthesis and Structure of Pr_3InSe_6: Corrigendum

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Received May 12, 1989

The monoclinic cell assigned previously to Pr_3InSe_6 (L. E. Aleandri and J. A. Ibers, *J. Solid State Chem.* **79,** 107 (1989)) is incorrect. The structure refines satisfactorily ($R(F^2) = 0.117$ and 1216 observations and 30 variables) in space group D_{2h}^{12}-*Pnnm* of the orthorhombic system in a cell of dimensions $a = 17.413(2)$, $b = 14.275(1)$, $c = 4.109(1)$ Å. The structural details remain unchanged.

We recently reported the structure of the new compound Pr_3InSe_6 in space group $P2_1/c$ of the monoclinic system (*1*). Long overdue perusal of the positional parameters (Table II of Ref. (*1*)) and a cell reduction suggest that the true cell is orthorhombic. This is confirmed by the satisfactory agreement ($R = 0.069$) obtained when the indices are transformed and the absorption-corrected F^2 values are averaged for *mmm* symmetry. A final refinement in space group *Pnnm* leads to a value of $R(F^2)$ of 0.117 for the 1216 unique, averaged reflections. The final parameters are given in Table I. The notation has been changed to correspond to the numbering scheme of Sm_3InS_6 (*2*), with which Pr_3InSe_6 is clearly isostructural. No metrical parameters change significantly as a result of this new refinement in the proper space group.

TABLE I

POSITIONAL PARAMETERS AND EQUIVALENT ISOTROPIC THERMAL PARAMETERS FOR Pr_3InSe_6 IN SPACE GROUP *Pnnm* OF THE ORTHORHOMBIC SYSTEM

Atom	x	y	z	B
PR(1)	0.222068(60)	0.458373(63)	$\frac{1}{2}$	0.06(2)
PR(2)	0.394242(67)	0.247580(63)	$\frac{1}{2}$	0.13(2)
PR(3)	0.145322(63)	0.186783(60)	0	0.10(2)
IN(1)	0	0	$\frac{1}{2}$	0.18(3)
IN(2)	$\frac{1}{2}$	0	$\frac{1}{2}$	0.79(4)
SE(1)	0.41594(13)	0.09370(12)	0	0.19(3)
SE(2)	0.28538(13)	0.31820(12)	0	0.19(4)
SE(3)	0.24849(11)	0.11047(13)	$\frac{1}{2}$	0.21(4)
SE(4)	0.11228(13)	0.38673(13)	0	0.31(3)
SE(5)	0.01886(13)	0.18967(12)	$\frac{1}{2}$	0.17(3)
SE(6)	0.39716(12)	0.47730(12)	$\frac{1}{2}$	0.18(3)

Acknowledgment

We are indebted to Dr. Richard E. Marsh for suggesting that we had erred in the cell assignment.

References

1. L. E. ALEANDRI AND J. A. IBERS, *J. Solid State Chem.* **79,** 107 (1989).
2. D. MESSAIN, D. CARRÉ, AND P. A. LARUELLE, *Acta Crystallogr. Sect. B* **33,** 2540 (1977).

0022-4596/89 $3.00