

ERRATUM

Volume **164**, Number 2 (2002), in the article “Structural Behavior of the Four-Layer Aurivillius-Phase Ferroelectrics $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$ and $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$,” by Charles H. Hervoches, Alan Snedden, Richard Riggs, Susan H. Kilcoyne, Pascal Manuel, and Philip Lightfoot, pages 280–291 (doi:10.1006/jssc.2001.9473): On page 286, in Table 6, the line for Bi(2) was omitted from the first three lines of atomic coordinates, and Bi(3) was renamed Bi(2). The correct Table 6 is shown here.

TABLE 6
**Refined Structural Parameters for $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$ at 650°C ,
Space Group $I4/mmm$, $a = 3.87469(4)$ Å, $c = 41.3523(5)$ Å,
 $R_{\text{wp}} = 0.052$, $\chi^2 = 2.4$, for 4403 Data Points and 573 Contributing Reflections, $0.66 < d < 2.5$ Å**

Atom	<i>x</i>	<i>y</i>	<i>z</i>	U_{11} ($\times 100$)	U_{22} ($\times 100$)	U_{33} ($\times 100$)
Bi(1) ^a	0	0	0	5.6(4)	5.6(4)	6.6(6)
Bi(2) ^a	0	0	0.1037(2)	7.3(3)	7.3(3)	13.3(7)
Bi(3)	0	0	0.2184(2)	7.5(3)	7.5(3)	7.2(4)
Ti(1)	0	0	0.4509(3)	2.7(4)	2.7(4)	4.4(5)
Ti(2)	0	0	0.3481(2)	1.0(3)	1.0(3)	3.5(5)
O(1)	0	0	0.5	8.4(7)	8.4(7)	2.9(7)
O(2) ^b	0	0.5	0.0491(3)	5.7(4)	11.8(6)	11.5(6)
O(3)	0	0	0.4052(2)	7.2(4)	7.2(4)	4.3(5)
O(4) ^c	0	0.5	0.1444(2)	1.5(3)	5.8(4)	3.5(3)
O(5)	0	0	0.3045(3)	6.6(4)	6.6(4)	6.7(6)
O(6)	0	0.5	0.25	2.6(3)	2.6(3)	8.7(7)

^aComposition fixed at 0.67Bi/0.33 Sr.

^bEquivalent to O(2) and O(7) in $A2_1am$.

^cEquivalent to O(4) and O(8) in $A2_1am$.