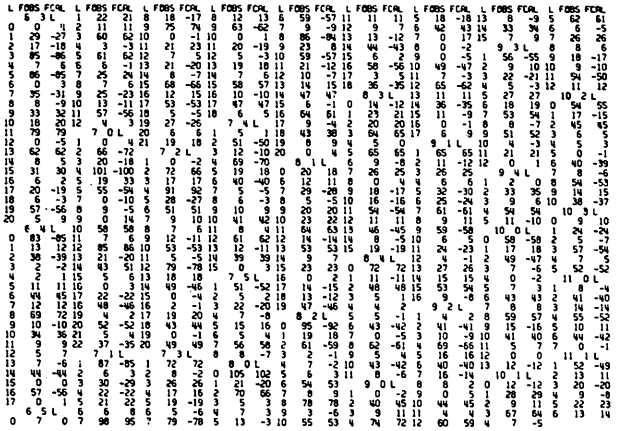
Table 3 (*cont.*)



cerium [Dauben & Templeton (1955)]. The positional parameters and anisotropic temperature factors are listed in Table 1. The discrepancy index $R=\Sigma||F_o|-|F_o||/\Sigma|F_o|=0{\cdot}0433$. The standard deviation of an observation of unit weight $=[\Sigma w(F_o-F_c)^2/(n_o-n_v)]^{1/2}=1{\cdot}5688$ where n_o is the number of reflections and n_v the number of variables.

Table 2 contains a list of the interatomic distances and Table 3 contains the observed and calculated structure factors. Fig. 1 is a stereoscopic pair of drawings showing the contents of approximately one unit cell of β-$KCeF_4$ tilted 45° about a_0. The structure consists of a three-dimensional framework of 9-coordinated Ce–F and K–F polyhedra. One of these polyhedra can be described as having $6F^-$ ions at the corners of a trigonal prism and $3F^-$ each at the apex of a pyramid on each of the prism faces. The basal triangular faces of the K^+ polyhedra are shared with other K^+ polyhedra. The edges of the other faces of the K^+ polyhedra are shared with edges of Ce^{3+} polyhedra which also share edges with each other to form a simple framework structure.

References

BUSING, W. R., ELLISON, R. D., LEVY, H. A., KING, S. P. & ROSEBERRY, R. T. (1968). USAEC Report ORNL-4143, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

BUSING, W. R., MARTIN, K. O. & LEVY, H. A. (1962). USAEC Report ORNL-TM-305, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

CROMER, D. T. & WABER, J. T. (1965). *Acta Cryst.* **18**, 104.

DAUBEN, C. H. & TEMPLETON, D. H. (1955). *Acta Cryst.* **8**, 841.

BARTON, C. J., BRUNTON, G. D., HSU, D. & INSLEY, H. (1967). USAEC Report ORNL-4076, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

SEARS, D. R. (1967). USAEC Report ORNL-4076, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

ZACHARIASEN, W. H. (1948*a*). *J. Amer. Chem. Soc.* **70**, 2147.

ZACHARIASEN, W. H. (1948*b*). *Acta Cryst.* **1**, 265.

Acta Cryst. (1969). B **25**, 602

The crystal and molecular structure of strontium tartrate trihydrate. A correction.

By G. K. AMBADY, *Centre of Advanced Study in Biophysics and Crystallography, University of Madras, Madras 25, India*

(*Received* 4 *November* 1968)

A corrected value for one atomic coordinate is given.

In Table 3 of a recent article (Ambady, 1968) the incorrect value 0·6787 is given for the y coordinate of atom C(3). The correct value is 0·6687.

Reference

AMBADY, G. K. (1968). *Acta Cryst.* B**24**, 1548.