

Acta Cryst. (1970). B26, 876

The crystal and molecular structure of Zeise's salt, $\text{KPtCl}_3 \cdot \text{C}_2\text{H}_4 \cdot \text{H}_2\text{O}$; a correction. By J. A. J. JARVIS, B. T. KILBOURN and P. G. OWSTON, *Imperial Chemical Industries Limited, Petrochemical & Polymer Laboratory, P.O. Box 11, The Heath, Runcorn, Cheshire, England.*

(Received 25 September 1969)

An error is reported in the previously published cell dimensions and space group of Zeise's salt. The unit cell has dimensions $a=11.212(3)$, $b=8.424(6)$, $c=9.696(6)$ Å, $\beta=107.52(4)^\circ$, and the space group is $P2_1/c$, 4 molecules per unit cell.

We have discovered an error in the determination of the space group of Zeise's salt, as reported by Mellor & Wunderlich (1954, 1955), Bokii & Kukina (1965), and Black, Mais & Owston (1969). The unit cell is twice as large as previously reported, and has the parameters $a=11.212(3)$, $b=8.424(6)$, $c=9.696(6)$ Å, $\beta=107.52(4)^\circ$; space group $P2_1/c$, 4 molecules per unit cell. The relationships between the old and new unit cell axes and indices (distinguished by primed and unprimed symbols respectively) are:

$$\begin{aligned} a &= -a' - c' \\ b &= b' \\ c &= 2c' \\ h &= -h' - k' \\ k &= k' \\ l &= 2l' \end{aligned}$$

The correct structure is closely similar to that recently described by us, in general outline. There are, however,

significant differences in detail, affecting especially the positions of the light atoms, which may require some modification of our conclusions about the chemical bonding. Full details will be submitted for publication as soon as our re-determination of the structure, which is well-advanced, has been completed.

References

- BLACK, M., MAIS, R. H. B. & OWSTON, P. G. (1969). *Acta Cryst.* B25, 1753.
 BOKII, G. B. & KUKINA, G. A. (1965). *Zh. Strukt. Khim.* 5, 706.
 MELLOR, D. P. & WUNDERLICH, J. A. (1954). *Acta Cryst.* 7, 136.
 MELLOR, D. P. & WUNDERLICH, J. A. (1955). *Acta Cryst.* 8, 57.

Notes and News

Announcements and other items of crystallographic interest will be published under this heading at the discretion of the Editorial Board. The notes (in duplicate) should be sent to the Executive Secretary of the International Union of Crystallography (J. N. King, International Union of Crystallography, 13 White Friars, Chester CH1 1NZ, England).

International Union of Crystallography

Ninth General Assembly and International Congress of Crystallography

Preliminary announcement

The Ninth General Assembly and International Congress of Crystallography of the International Union of Crystallography will be held in Japan in 1972. The date and place

are provisionally planned as follows: The General Assembly and Congress, lasting about 10 days, will be held within the period from 27 August to 8 September, 1972, at the Kyoto International Conference Hall, Kyoto, Japan.

The first formal announcement will appear in *Acta Crystallographica* at the end of 1970 or early in 1971 and will give the address from which the First Circular can be obtained. This First Circular will be available about September 1971 and copies will be sent to all National Committees for Crystallography.