Further Measurements of the Zonar Distribution of ^{18}O in Synthetic Quartz Crystals

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Z. Naturforsch. **54a,** 763–764 (1999);
received November 22, 1999

The isotop effect $\delta^{18}O_F - \delta^{18}O_S$, measured between the face F and the solvent S of synthetic quartz crystals, grown at 1 kbar and 550–700 K, has been estimated to be 5.4, ^{18}O being enriched in the solid.

Key words: Oxygen Isotope Effect; Synthetic Quartz Crystal.