

**Untersuchungen an Polyhalogeniden,
XXXIX [1]
[(H₃O)(18-Krone-6)]I₇, eine
Struktur-Neubestimmung**

Studies on Polyhalides, XXXIX [1]
Structure Refinement of
[(H₃O)(18-crown-6)]I₇

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Polyhalogenide, Heptaiodide, Crown Ether,
Oxonium Compound, Crystal Structure

The structure analysis of the compound [(H₃O)(18-Krone-6)]I₇ has been repeated. The already known structure could now be described with improved precision. The unique polyiodide chain $\frac{1}{\infty}[(I^- \cdot 2I_2) \cdot I_2]$ may be derived from the regular three dimensional iodide-iodine lattice $\frac{1}{\infty}[I^- \cdot 3I_2]$ by separation.

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