

Structure Data of Free Polyatomic Molecules

289	I₃Sc	Scandium triiodide	D_{3h} assumed
ED		Scandium(III) iodide	ScI ₃

r_a	Å ^{a)}
Sc-I	2.615(3)

Experimental data from [1] were reanalyzed. The presence of dimeric molecules (79(3) mol%) was taken into account. The $r(\text{Sc-I})$ bond length in ScI₃ was assumed to be equal to the $r(\text{Sc-I(t)})$ in Sc₂I₆.

The temperature of the experiments was 1050 K.

^{a)} Estimated total error.

Ezhov, Yu.S., Komarov, S.A., Sevast'yanov, V.G.: Zh. Strukt. Khim. **38** No.3 (1997) 489;
J. Struct. Chem. (Engl. Transl.) **38** (1997) 403.

[1] Ezhov, Yu.S., Komarov, S.A., Sevast'yanov, V.G.: Zh. Fiz. Khim. **69** No.11 (1995) 2099;
Russ. J. Phys. Chem. (Engl. Transl.) **69** (1995) 1910.

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