

Structure Data of Free Polyatomic Molecules

183	F₂Mn	Manganese difluoride	D_{∞h}
ED		Manganese(II) fluoride	MnF ₂
	$r_e^a)$	$\text{\AA}^b)$	
	Mn–F	1.797(6)	

The ED intensity curves were taken from [1].

^{a)} Anharmonic correction (via diagonal cubic force constants) was determined by fitting to the experimental intensity curves. Nonlinear kinematic effect was also taken into account.

^{b)} 2.5 times the estimated standard error including a systematic error.

Vogt, N.: J. Mol. Struct. **570** (2001) 189.

[1] Subbotina, N.Yu., Girichev, G.V., Krasnov, K.S., Ostropikov, V.V.: Izv. Vysch. Uchebn. Zaved., Khim. Khim. Tekhnol. **28**(8) (1985) 47.

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