>>**Entry Name: Manganese(*IV*) sulfate ($Mn(SO_4)_2$)**
Synonym(s): Manganese bis-sulfate

Extra CAS Registry Numbers(s): 10124-55-7
$Mn(SO_4)_2$

Molecular Formula: MnO_8S_2
Molecular Weight: 247.065
Accurate Mass: 246.841507
Percentage Composition: Mn 22.24%; O 51.81%; S 25.96%

Source/Synthesis: May be present in the unstable black solid prepd. from $MnSO_4$ and $KMnO_4$ in 55% H_2SO_4. Dissolves in cold 40-70% H_2SO_4 to give brown soln. which prob. contains Mn^{IV} sulfate species
Physical Description: Unstable black solid

References:

Kharabadze, N.I.*, CA*, 1965, **62**, 4906, *(props)*
Kemmitt, R.D.W. *et al.*, *Compr. Inorg. Chem.*, Pergamon, Oxford, 1973, **3**, 771, *(rev, bibl)*
Gmelin Handbook Inorg. Chem., *Syst. No.* 56, 1976, **C6**, 177, *(rev, bibl)*
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