



>>Entry Name: Lithium manganese oxide (LiMn_2O_4)

Synonym(s): Lithium manganate (LiMn_2O_4)

CAS Registry Number: 12057-17-9

LiMn_2O_4

Molecular Formula: LiMn_2O_4

Molecular Weight: 180.815

Accurate Mass: 180.871757

Percentage Composition: Li 3.84%; Mn 60.77%; O 35.39%

Source/Synthesis: Synth. from $\text{MnO}_2 + \text{Li}_2\text{CO}_3$

References:

Schuette, L. *et al.*, *J. Solid State Chem.*, 1979, **27**, 227-331, (*synth, ir*)

Fong, C. *et al.*, *Z. Kristallogr.*, 1994, **209**, 941-945, (*cryst struct*)

Massarotti, V. *et al.*, *Z. Naturforsch., A*, 1994, **209**, 941-945, (*synth*)