



>>Entry Name: Lead(II) tetrafluoroborate

Synonym(s): Lead-fluoborate. Tetrafluoroborate(1-), lead(2+)(2:1), 9CI

CAS Registry Number: 13814-96-5

Pb(BF₄)₂

Molecular Formula: B₂F₈Pb

Molecular Weight: 380.809

Accurate Mass: 381.982461

Percentage Composition: B 5.68%; F 39.91%; Pb 54.41%

Source/Synthesis: Prep. in aq. soln. by anodic dissoln. of Pb in HBF₄ solns.

Use/Importance: Used in electroplating baths

Hazard & Toxicity: Toxic

Aldrich: 40157-9

Fluka: 15359

References:

Rizwanul, H. *et al.*, *Can. J. Chem.*, 1966, **44**, 2769, (*F-19 nmr*)

Chen, C.J. *et al.*, *J. Fluorine Chem.*, 1985, **27**, 167, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, LDE000