

Product Data Sheet

(2N) 99% Lithium Iron Phosphate Nanopowder

Product Code: LI-FEPH-02-NP

Formula: LiFePO_4

CAS No.: 15365-14-7

EC No.: N/A

MDL: N/A

Chemical Identifiers

Linear Formula	LiFePO_4
MDL Number	N/A
EC No.	N/A
Pubchem CID	15320824
IUPAC Name	lithium; iron(2+); phosphate
SMILES	<chem>[Fe+2].[Li+].[O-]P([O-])([O-])=O</chem>
Inchl Identifier	InChI=1S/Fe.Li.H3O4P/c;;1-5(2,3)4/h;;(H3,1,2,3,4)/q+2;+1;/p-3
Inchl Key	GELKBWJHTRAYNV-UHFFFAOYSA-K

Total Metal Impurities: 1.0% max.

Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 18304 are supplied with every shipment.
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