

Product Data Sheet

(4N) 99.99% Lithium Tetraborate Pentahydrate

Product Code: LI-BAT4-04-C.5HYD

Formula: $\text{Li}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$

CAS No.: 12007-61-3

EC No.: 234-514-3

MDL: MFCD00151337

Chemical Identifiers

Linear Formula	$\text{Li}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$
MDL Number	MFCD00151337
EC No.	234-514-3
Beilstein Registry No.	N/A
Pubchem CID	9815330
IUPAC Name	dilithium; [oxido(oxoboranyl oxy)boranyl]oxy-oxoboranyloxyborinate; pentahydrate
SMILES	[Li+].[Li+].B(=O)OB([O-])OB([O-])OB=O.O.O.O.O.O
Inchl Identifier	InChI=1S/B4O7.2Li.5H2O/c5-1-9-3(7)11-4(8)10-2-6;;;;;;/h;;;5*1H2/q-2;2*+1;;;;;
Inchl Key	KTDDBABFAZCLKP-UHFFFAOYSA-N

Total Metal Impurities: 0.01% 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 10204 are supplied with every shipment.