

Product Data Sheet

(5N) 99.999% Lanthanum Hexaboride Nanoparticles

Product Code: LA-B6-05-NP

Formula: LaB₆
CAS No.: 12008-21-8
EC No.: 234-531-6
MDL: MFCD00151350

Chemical Identifiers

Linear Formula	LaB ₆
MDL Number	MFCD00151350
EC No.	234-531-6
Beilstein Registry No.	N/A
Pubchem CID	N/A
IUPAC Name	N/A
SMILES	[La+2].B13B4[B-]12B5B2[B-]345
InChI Identifier	InChI=1S/B6.La/c1-2-5(1)3-4(5)6(1,2)3;/q-2;+2
InChI Key	VJXOKIULCJPJLW-UHFFFAOYSA-N

Total Metal Impurities: 0.001% 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.

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Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.