

Product Data Sheet

(4N) 99.99% Eu-doped Lanthanum Fluoride Single Crystal

Product Code: LAF-EU-04-SX

Formula: LaF₃

CAS No.: 13709-38-1

EC No.: 237-252-8

MDL: MFCD00011073

Chemical Identifiers

Linear Formula	LaF ₃
MDL Number	MFCD00011073
EC No.	237-252-8
Beilstein Registry No.	N/A
Pubchem CID	83675
IUPAC Name	Trifluorolanthanum
SMILES	F[La](F)F
Inchl Identifier	InChI=1S/3FH.La/h3*1H;/q;,+3/p-3
Inchl Key	BYMUNNMMXKDFEZ-UHFFFAOYSA-K

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.