

# Product Data Sheet

## (2N) 99% Eu-doped Lanthanum Fluoride Single Crystal

Product Code: LAF-EU-02-SX

Formula: LaF<sub>3</sub>

CAS No.: 13709-38-1

EC No.: 237-252-8

MDL: MFCD00011073

### Chemical Identifiers

Linear Formula	LaF <sub>3</sub>
MDL Number	MFCD00011073
EC No.	237-252-8
Beilstein Registry No.	N/A
Pubchem CID	83675
IUPAC Name	Trifluorolanthanum
SMILES	F[La](F)F
InChI Identifier	InChI=1S/3FH.La/h3*1H;/q;,+3/p-3
InChI Key	BYMUNNMMXKDFEZ-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 10204 are supplied with every shipment.