Product Data Sheet
(2N) 99% Eu-doped Lanthanum Fluoride Single Crystal
Product Code: LAF-EU-02-SX

Formula: LaF₃
CAS No.: 13709-38-1
EC No.: 237-252-8
MDL: MFCD00011073

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>LaF₃</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00011073</td>
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<tr>
<td>EC No.</td>
<td>237-252-8</td>
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<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
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<td>Pubchem CID</td>
<td>83675</td>
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<td>IUPAC Name</td>
<td>Trifluorolanthanum</td>
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<td>SMILES</td>
<td>F<a href="F">La</a>F</td>
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<td>InChI Identifier</td>
<td>InChI=1S/3FH.La/h3*1H;/q;;;+3/p-3</td>
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<tr>
<td>InChI Key</td>
<td>BYMUNNMMXKDFEZ-UHFFFAOYSA-K</td>
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</table>

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