(4N) 99.99% Cerium(III) Phosphate

Product Data Sheet

Product Code: CE-PAT-04

Formula: CePO₄
CAS No.: 13454-71-2
EC No.: 236-637-8
MDL: MFCD00049424

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>CePO₄</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00049424</td>
</tr>
<tr>
<td>EC No.</td>
<td>236-637-8</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>159673</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>cerium(3+) ; phosphate</td>
</tr>
<tr>
<td>SMILES</td>
<td>[Ce+3].[O-]P([O-])([O-])=O</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/Ce.H3O4P/c;1-5(2,3)4/h;(H3,1,2,3,4)/q+3;/p-3</td>
</tr>
<tr>
<td>InchI Key</td>
<td>TYAVIWGEVOBWDZ-UHFFFAOYSA-K</td>
</tr>
</tbody>
</table>

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