Product Data Sheet
(4N) 99.99% Cerium Oxide
Product Code: CE-OX-04

**Formula:** CeO₂
**CAS No.:** 1306-38-3
**EC No.:** 215-150-4
**MDL:** MFCD00010933

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Beilstein Registry No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
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</thead>
<tbody>
<tr>
<td>CeO₂</td>
<td>MFCD00010933</td>
<td>215-150-4</td>
<td>N/A</td>
<td>73963</td>
<td>Dioxocerium</td>
<td>[Ce+4].O=[N+][[O-]][[O-]][[O-]][[O-]]=O.[O-][N+][[O-]]=O.[O-][N+][[O-]]=O.([O-])[N+][=O][O-][N+][=O][O-][N+]][[O-]]=O.N.N</td>
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<td>InChI=1S/Ce.2O</td>
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<td>InChI Key= CETPSERCDGAM-UHFFFAOYSA-N</td>
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</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.
Documentation

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