

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---


## Certificate of Analysis

<b>Catalogue Number</b>	47160
<b>Lot Number</b>	003344-2118-091514
<b>Product</b>	<b>Cerium oxide powder (~5 micron)</b>
<b>CAS Number</b>	1306-38-3
<b>Molecular Formula</b>	CeO <sub>2</sub>
<b>Molecular Weight</b>	172.11

---

<b>Appearance</b>	Pale yellow nanopowder
<b>Mesh Size</b>	APS 2 - 6 micron
<b>Related Substances</b>	Non-Rare earth content : Fe <sub>2</sub> O <sub>3</sub> : 0.008%, SiO <sub>2</sub> : 0.007%, CaO : 0.0095%
<b>Purity</b>	> 99.5% (Trace metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Rare earth content : La <sub>2</sub> O <sub>3</sub> : < 0.50%, Pr <sub>6</sub> O <sub>11</sub> : < 0.02%, Nd <sub>2</sub> O <sub>3</sub> : < 0.008% Sm <sub>2</sub> O <sub>3</sub> : < 0.009%, Y <sub>2</sub> O <sub>3</sub> : < 0.01%
<b>Country of Origin</b>	China
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**