

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

Catalogue Number	37357
Product	Cerium(III) chloride
Lot Number	003018-20220209 Cerium trichloride Cerous chloride
CAS Number	7790-86-5
Molecular Formula	CeCl ₃
Molecular Weight	246.48

Appearance	White crystalline powder
Solubility	Clear solution in water & nitric acid
Water Content (Karl Fisher)	< 0.8%
Related Substances	Impurity rare earth oxide : La ₂ O ₃ : 0.0020%, Pr ₆ O ₁₁ , Y ₂ O ₃ : <0.0010% , Nd ₂ O ₃ , Sm ₂ O ₃ , Eu ₂ O ₃ , Gd ₂ O ₃ , Tb ₄ O ₇ , Dy ₂ O ₃ , Ho ₂ O ₃ , Er ₂ O ₃ , Tm ₂ O ₃ , Yb ₂ O ₃ , Lu ₂ O ₃ : <0.0005% Non-RE Impurities : Fe ₂ O ₃ : 0.0019%, SiO ₂ : 0.0035%, CaO : 0.0018%
Purity	99.99%
Storage	Store at RT
Additional Information	Total rare earth oxide (TREO) : 69.45% CeO ₂ / (TREO) : 99.99%
Remarks	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