

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	35466
Product	Cerium(III) nitrate hexahydrate
Lot Number	003131-12084
	Cerous nitrate hexahydrate
CAS Number	10294-41-4
Molecular Formula	Ce(NO ₃) ₃ •6H ₂ O
Molecular Weight	434.22

Appearance	White crystalline powder
Anion	Si : 500 ppm
Purity	99% (Metals basis)
Storage	Store at RT
Additional Information	Na+K : < 40 ppm, Mg : 50 ppm, Al : 30 ppm, Ca < 100 ppm, Sc : < 10 ppm, Ti : < 10 ppm, V : < 10 ppm, Cr : < 10 ppm, Mn : < 10 ppm, Fe : < 100 ppm, Ni : < 30 ppm, Cu : < 80 ppm, Zn : < 20 ppm, Y : < 50 ppm, La : < 100 ppm, Pr : < 100 ppm, Nd : < 100 ppm, Sm : < 50 ppm, Eu : < 50 ppm, Gd : < 100 ppm, Tb : < 50 ppm, Dy : < 100 ppm, Ho : < 100 ppm, Er : < 100 ppm, Tm : < 50 ppm, Yb : < 50 ppm, Lu : < 50 ppm, Pb : < 1 ppm, Bi : < 1 ppm, Th : < 1 ppm, U : < 1 ppm CeO ₂ : 39.5%

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