

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	35465
Lot Number	003131-12086
Product	Cerium(III) nitrate hexahydrate 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 : 10 ppm
Purity	99.99% (Metals basis)
Storage	Store at RT
Additional Information	Na+K : < 5 ppm, Mg : 3 ppm, Al : 3 ppm, Ca < 20 ppm, Sc : < 1 ppm, Ti : < 1 ppm, V : < 1 ppm, Cr : < 1 ppm, Mn : < 1 ppm, Fe : 2 ppm, Ni : < 1 ppm, Cu : < 1 ppm, Zn : < 1 ppm, Y : < 1 ppm, La : 10 ppm, Pr : 10 ppm, Nd : 2 ppm, Sm : < 0.1 ppm, Eu : < 0.1 ppm, Gd : < 1 ppm, Tb : < 0.1 ppm, Dy : < 0.1 ppm, Ho : < 1 ppm, Er : < 0.1 ppm, Tm : < 0.1 ppm, Yb : < 0.1 ppm, Lu : < 0.1 ppm, Pb : < 0.1 ppm, Bi : < 0.1 ppm, Th : < 0.1 ppm, U : < 0.1 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