

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	47188
Lot Number	003344-4410-042622
Product	Lanthanum oxide nanopowder (100 nm)
CAS Number	1312-81-8
Molecular Formula	La ₂ O ₃
Molecular Weight	325.81

Appearance	White nanopowder
Mesh Size	APS 100 nm
Related Substances	Rare earth oxide : CeO ₂ , Pr ₆ O ₁₁ , Nd ₂ O ₃ , Sm ₂ O ₃ , Y ₂ O ₃ : < 0.001% Non-rare earth oxide : Fe ₂ O ₃ : 0.0004%, SiO ₂ , 0.0021%, CaO : 0.003% CuO : < 0.002%, NiO : < 0.002%, PbO : < 0.001%, Cl- : 0.006%
Residue On Ignition	< 1% (1000 °C at 1 h)
Purity	> 99.99% (REO)
Storage	Store at RT
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