

# 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>	35694
<b>Product</b>	<b>Neodymium(III) fluoride anhydrous, powder</b>
<b>Lot Number</b>	003131-12103
	Neodymium trifluoride anhydrous
<b>CAS Number</b>	13709-42-7
<b>Molecular Formula</b>	NdF <sub>3</sub>
<b>Molecular Weight</b>	201.24

---

<b>Appearance</b>	Pink crystalline powder
<b>Anion</b>	Si : < 20 ppm
<b>Water Content (Karl Fisher)</b>	< 2000 ppm
<b>Purity</b>	99.9% (REO)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Cation : Na+K : < 10 ppm, Mg : < 5 ppm, Al : 10 ppm, Ca : 8 ppm, Sc : < 1 ppm, Ti : < 1 ppm, V : < 1 ppm, Cr : < 1 ppm, Mn : < 1 ppm, Fe : < 10 ppm, Ni : < 1 ppm, Cu : < 1 ppm, Zn : < 1 ppm, Y : < 10 ppm, La : < 50 ppm, Ce : < 10 ppm, Pr : < 50 ppm, Sm : < 10 ppm, Eu : < 10 ppm, Gd : < 10 ppm, Tb : < 10 ppm, Dy : < 10 ppm, Ho : < 10 ppm, Er : < 10 ppm, Tm : < 10 ppm, Yb : < 10 ppm, Lu : < 5 ppm, Pb : < 0.2 ppm, Bi : < 0.2 ppm, Th : < 0.2 ppm, U : < 0.2 ppm

<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