

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	35693
<b>Lot Number</b>	003131-12102
<b>Product</b>	<b>Neodymium(III) chloride hexahydrate</b> Neodymium trichloride hexahydrate
<b>CAS Number</b>	13477-89-9
<b>Molecular Formula</b>	NdCl <sub>3</sub> •6H <sub>2</sub> O
<b>Molecular Weight</b>	358.69

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<b>Appearance</b>	Pink crystalline powder
<b>Anion</b>	Si : 10 ppm
<b>Purity</b>	99.9% (Metal basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Content of Nd <sub>2</sub> O <sub>3</sub> is 44.8% Cation : Na+K : < 20 ppm, Mg : < 5 ppm, Al : < 5 ppm, Ca : 20 ppm, Sc : < 1 ppm, Ti : < 1 ppm, V : < 1 ppm, Cr : < 5 ppm, Mn : 2 ppm, Fe : 10 ppm, Ni : 2 ppm, Cu : < 5 ppm, Zn : < 3 ppm, Y : < 10 ppm, La : < 50 ppm, Ce : < 50 ppm, Pr : < 200 ppm, Sm : < 20 ppm, Eu : < 50 ppm, Gd : < 50 ppm, Tb : < 50 ppm, Dy : < 50 ppm, Ho : < 50 ppm, Er : < 50 ppm, Tm : < 50 ppm, Yb : < 50 ppm, Lu : < 50 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