

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

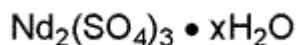
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35696
Product	Neodymium(III) sulfate hydrate Neodymium trisulfate hydrate
CAS Number	101509-27-7
Molecular Formula	$\text{Nd}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
Molecular Weight	576.67 (anhydrous basis)

Appearance Pink crystalline powder

Anion Si : ≤ 50 ppm

Purity $\geq 99\%$ (Metal basis)

Storage Store at RT

Additional Information Content of Nd_2O_3 is $\leq 47\%$

Cation - Na : ≤ 20 ppm, Mg : ≤ 5 ppm, Al : ≤ 10 ppm, Ca : ≤ 30 ppm,
Sc : ≤ 1 ppm, Ti : ≤ 1 ppm, V : ≤ 1 ppm, Cr : ≤ 1 ppm, Mn : ≤ 1 ppm,
Fe : ≤ 20 ppm, Ni : ≤ 1 ppm, Cu : ≤ 5 ppm, Zn : ≤ 1 ppm, Y : ≤ 50
ppm, La : ≤ 100 ppm, Ce : ≤ 50 ppm, Pr : ≤ 100 ppm, Sm : ≤ 50 ppm,
Eu : ≤ 10 ppm, Gd : ≤ 10 ppm, Tb : ≤ 10 ppm, Dy : ≤ 10 ppm, Ho : \leq
10 ppm, Er : ≤ 10 ppm, Tm : ≤ 10 ppm, Yb : ≤ 10 ppm, Lu : ≤ 50 ppm,
Pb : ≤ 1 ppm, Bi : ≤ 1 ppm, Th : ≤ 1 ppm, U : ≤ 1 ppm

For Laboratory Use Only