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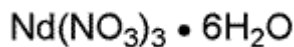
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35695
Product	Neodymium(III) nitrate hexahydrate Neodymium trinitrate hexahydrate
CAS Number	16454-60-7
Molecular Formula	$\text{Nd}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
Molecular Weight	438.35

Appearance Pink crystalline powder

Anion Si : ≤ 5 ppm

Purity $\geq 99\%$ (REO)

Storage Store at RT

Additional Information Content of Nd_2O_3 is $\leq 39\%$

Cation - Na+K : ≤ 10 ppm, Mg : ≤ 2 ppm, Al : ≤ 1 ppm, Ca : ≤ 70 ppm, Sc : ≤ 1 ppm, Ti : ≤ 1 ppm, V : ≤ 1 ppm, Cr : ≤ 1 ppm, Mn : ≤ 1 ppm, Fe : ≤ 8 ppm, Ni : ≤ 1 ppm, Cu : ≤ 2 ppm, Zn : ≤ 1 ppm, Y : ≤ 1 ppm, La : ≤ 50 ppm, Ce : ≤ 50 ppm, Pr : ≤ 50 ppm, Sm : ≤ 10 ppm, Eu : ≤ 5 ppm, Gd : ≤ 5 ppm, Tb : ≤ 5 ppm, Dy : ≤ 5 ppm, Ho : ≤ 5 ppm, Er : ≤ 5 ppm, Tm : ≤ 5 ppm, Yb : ≤ 5 ppm, Lu : ≤ 5 ppm, Pb : ≤ 0.2 ppm, Bi : ≤ 0.2 ppm, Th : ≤ 0.2 ppm, U : ≤ 0.2 ppm

For Laboratory Use Only