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Certificate of Analysis

Catalogue Number	35696
Lot Number	003131-12105
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	99.9% (Metal basis)
Storage	Store at RT
Additional Information	Content of Nd_2O_3 is 46.8% 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 : < 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

Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager