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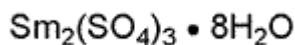
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35807
Product	Samarium(III) sulfate octahydrate Samarium trisulfate octahydrate
CAS Number	13465-58-2
Molecular Formula	$\text{Sm}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$
Molecular Weight	733.03

Appearance Light yellow crystalline powder

Anion Si : ≤ 20 ppm

Purity $\geq 99\%$ (REO)

Storage Store at RT

Additional Information Content of Sm_2O_3 : $\leq 80\%$

Cation : Na+K : ≤ 10 ppm, Mg : ≤ 5 ppm, Al : ≤ 10 ppm, Ca : ≤ 20 ppm, Sc : ≤ 1 ppm, Ti : ≤ 1 ppm, V : ≤ 1 ppm, Cr : ≤ 1 ppm, Mn : ≤ 3 ppm, Fe : ≤ 10 ppm, Ni : ≤ 1 ppm, Cu : ≤ 1 ppm, Zn : ≤ 1 ppm, Y : ≤ 10 ppm, La : ≤ 10 ppm, Ce : ≤ 10 ppm, Pr : ≤ 10 ppm, Nd : ≤ 50 ppm, Eu : ≤ 50 ppm, Gd : ≤ 100 ppm, Tb : ≤ 50 ppm, Dy : ≤ 50 ppm, Ho : ≤ 10 ppm, Er : ≤ 50 ppm, Tm : ≤ 5 ppm, Yb : ≤ 5 ppm, Lu : ≤ 5 ppm, Pb : ≤ 2 ppm, Bi : ≤ 1 ppm, Th : ≤ 0.2 ppm, U : ≤ 0.2 ppm

For Laboratory Use Only