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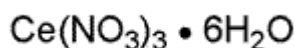
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35465
Product	Cerium(III) nitrate hexahydrate Cerous nitrate hexahydrate
CAS Number	10294-41-4
Molecular Formula	$Ce(NO_3)_3 \cdot 6H_2O$
Molecular Weight	434.22

Appearance	White to yellow crystalline powder
Anion	Si : ≤ 10 ppm
Purity	$\geq 99\%$ (Metals basis)
Storage	Store at RT
Additional Information	Na+K : ≤ 5 ppm, Mg : ≤ 3 ppm, Al : ≤ 3 ppm, Ca : ≤ 20 ppm, Sc : ≤ 1 ppm, Ti : ≤ 1 ppm, V : ≤ 1 ppm, Cr : ≤ 1 ppm, Mn : ≤ 1 ppm, Fe : ≤ 2 ppm, Ni : ≤ 1 ppm, Cu : ≤ 1 ppm, Zn : ≤ 1 ppm, Y : ≤ 1 ppm, La : ≤ 10 ppm, Pr : ≤ 10 ppm, Nd : ≤ 2 ppm, Sm : ≤ 0.1 ppm, Eu : ≤ 0.1 ppm, Gd : ≤ 1 ppm, Tb : ≤ 0.1 ppm, Dy : ≤ 0.1 ppm, Ho : ≤ 1 ppm, Er : ≤ 0.1 ppm, Tm : ≤ 0.1 ppm, Yb : ≤ 0.1 ppm, Lu : ≤ 0.1 ppm, Pb : ≤ 0.1 ppm, Bi : ≤ 0.1 ppm, Th : ≤ 0.1 ppm, U : ≤ 0.1 ppm CeO ₂ : $\geq 39\%$

For Laboratory Use Only