

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

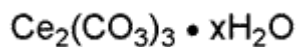
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35458
Product	Cerium(III) carbonate hydrate Cerous carbonate hydrate
CAS Number	54451-25-1
Molecular Formula	$\text{Ce}_2(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$
Molecular Weight	460.26 (anhydrous basis)

Appearance	White to off-white powder
Anion	Si : ≤ 3 ppm
Cation	Na : ≤ 3 ppm, Mg : ≤ 4 ppm, Al : ≤ 8 ppm, K : ≤ 3 ppm, Ca : ≤ 8 ppm, Sc : ≤ 6 ppm, Ti : ≤ 0.01 ppm, V : ≤ 3 ppm, Cr : ≤ 1 ppm, Mn : ≤ 1 ppm, Fe : ≤ 10 ppm, Ni : ≤ 0.02 ppm, Cu : ≤ 8 ppm, Zn : ≤ 2 ppm, Y : ≤ 2 ppm, La : ≤ 20 ppm, Pr : ≤ 20 ppm, Nd : ≤ 4 ppm, Sm, Eu, Gd, Tb, Dv. Ho. Er. Tm. Yb. Lu. Pb. Bi. Th. U : < 0.1 ppm
Purity	$\geq 99\%$ (Metals basis)
Storage	Store at RT
Additional Information	Content of Cerium : $\geq 41\%$

For Laboratory Use Only