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Certificate of Analysis

Catalogue Number	35458
Lot Number	003131-12393
Product	Cerium(III) carbonate hydrate Cerous carbonate hydrate
CAS Number	54451-25-1
Molecular Formula	Ce ₂ (CO ₃) ₃ •xH ₂ O
Molecular Weight	460.26 (anhydrous basis)

Appearance White to off-white powder

Purity 99.99% (Metal basis)

Storage Store at RT

Additional Information The content of Ce is 41.42%

Na : 3 ppm, Mg : 4 ppm, Al : 8 ppm, Si : 3 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 : < 0.1 ppm, Eu : < 0.1 ppm, Gd :
< 0.1 ppm, Tb : < 0.1 ppm, Dy : < 0.1 ppm, Ho : < 0.1 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

Remarks See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager