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Certificate of Analysis

Catalogue Number	35656
Lot Number	003131-12101
Product	Lutetium(III) nitrate hydrate Lutetium trinitrate hydrate
CAS Number	10099-67-9, 100641-16-5
Molecular Formula	Lu(NO ₃) ₃ •xH ₂ O
Molecular Weight	360.98 (anhydrous basis)

Appearance White crystalline powder

Anion Si : 3 ppm

Purity 99.99% (Metal basis)

Storage Store at RT

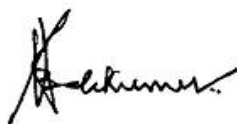
Additional Information Content of Lu₂O₃ is 45%

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