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Certificate of Analysis

Catalogue Number	35809
Lot Number	003531-20230905
Product	Scandium(III) chloride hexahydrate Scandium trichloride hexahydrate
CAS Number	20662-14-0
Molecular Formula	ScCl ₃ •6H ₂ O
Molecular Weight	259.41

Appearance	White crystalline powder
Related Substances	Total rare earth impurities : > 26.15% Rare earth impurities : La ₂ O ₃ , Eu ₂ O ₃ , Dy ₂ O ₃ , Tm ₂ O ₃ : < 1 ppm, CeO ₂ , Tb ₄ O ₇ : < 2 ppm, Gd ₂ O ₃ , Ho ₂ O ₃ : < 3 ppm, Pr ₆ O ₁₁ , Lu ₂ O ₃ : < 4 ppm, Nd ₂ O ₃ , Sm ₂ O ₃ , Y ₂ O ₃ : < 5 ppm, Er ₂ O ₃ : < 6 ppm, Yb ₂ O ₃ : < 15 ppm
Purity	> 99.99% (Trace metals basis)
Storage	Store at RT
Additional Information	Sc ₂ O ₃ / Total rare earth oxide : > 99.99% Non-Rare Earth impurities : Fe ₂ O ₃ : 3 ppm, SO ₄ ²⁻ , SiO ₂ : 20 ppm, CaO : 30 ppm, PbO : 10 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