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Certificate of Analysis

Catalogue Number	35540
Product	Gadolinium(III) nitrate hexahydrate
Lot Number	003195-20201118
CAS Number	19598-90-4
Molecular Formula	Gd(NO ₃) ₃ •6H ₂ O
Molecular Weight	451.36

Appearance	White crystals
Purity	TREO : > 39.95% Gd ₂ O ₃ /TREO : > 99.95%
Storage	Store at RT

Additional Information	RE Impurities Content – CeO ₂ : < 0.001%, La ₂ O ₃ : < 0.001%, Nd ₂ O ₃ : < 0.001%, Pr ₆ O ₁₁ : < 0.001%, Sm ₂ O ₃ : < 0.001%, Eu ₂ O ₃ : < 0.004%, Tb ₄ O ₇ : < 0.001%, Dy ₂ O ₃ : < 0.001%, Ho ₂ O ₃ : < 0.001%, Er ₂ O ₃ : < 0.001%, Tm ₂ O ₃ : < 0.001%, Yb ₂ O ₃ : < 0.001%, Lu ₂ O ₃ : < 0.001%, Y ₂ O ₃ : < 0.002 Non-RE Impurities Content – Fe ₂ O ₃ : < 0.001%, Cl ⁻ : < 0.008%, SiO ₂ : < 0.002%, CaO : < 0.005%
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Remarks	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager