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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 35525 |
| Lot Number | 003184-23101101 |
| Product | Dysprosium(III) chloride hexahydrate Dysprosium trichloride hexahydrate |
| CAS Number | 15059-52-6 |
| Molecular Formula | DyCl ₃ •6(H ₂ O) |
| Molecular Weight | 376.95 |

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|-------------------------------|--|
| Appearance | White to pale yellow crystalline powder |
| Related Substances | Impurities : La ₂ O ₃ , CeO ₂ , Nd ₂ O ₃ , Gd ₂ O ₃ , Tb ₄ O ₇ , Eu ₂ O ₃ , Y ₂ O ₃ : < 0.005% Pr ₆ O ₁₁ : < 0.004%, Tm ₂ O ₃ : < 0.004% Sm ₂ O ₃ , Er ₂ O ₃ , SiO ₂ : < 0.003%, Ho ₂ O ₃ : < 0.008% Yb ₂ O ₃ , Lu ₂ O ₃ , CaO : < 0.002%, Fe ₃ O ₃ : < 0.001% |
| Assay | > 99.9% (Trace metal basis) |
| Storage | Store at RT |
| Additional Information | Dy ₂ O ₃ /TREO : > 99.9% TREO : > 44.5% |
| 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