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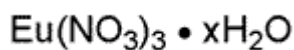
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 35534

Product **Europium(III) nitrate hydrate**

Europium trinitrate hydrate

CAS Number 100587-95-9

Molecular Formula $\text{Eu}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$

Molecular Weight 337.98

Appearance White to off-white crystalline powder

Purity $\geq 99.99\%$ (Er₂O₃ / TREO)
 $\geq 39.20\%$ (TREO)

Storage Store at RT

Additional Information Rare Earth Impurities : La₂O₃, CeO₂, Nd₂O₃, Tb₄O₇, Dy₂O₃, Ho₂O₃, Er₂O₃, Tm₂O₃, Yb₂O₃, Y₂O₃, Lu₂O₃ : $\leq 0.0005\%$
Pr₆O₁₁ : $\leq 0.0006\%$, Sm₂O₃ : $\leq 0.0008\%$, Gd₂O₃ : $\leq 0.0008\%$
Non-rare Earth Impurities : Fe₂O₃ : $\leq 0.001\%$, SiO₂ : $\leq 0.002\%$, CaO : $\leq 0.002\%$, SO₄²⁻ : $\leq 0.005\%$

For Laboratory Use Only