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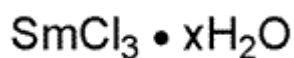
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 35802

Product **Samarium(III) chloride hexahydrate**

Samarium trichloride hexahydrate

CAS Number 13465-55-9

Molecular Formula $\text{SmCl}_3 \cdot 6\text{H}_2\text{O}$

Molecular Weight 364.81

Appearance Off-white powder

Related Substances Rare earth oxide :
CeO₂, La₂O₃, Nd₂O₃ : ≤ 0.010%, Pr₆O₁₁ : ≤ 0.008%
Y₂O₃ : ≤ 0.002%, Gd₂O₃ : ≤ 0.025%
Non Rare earth oxide :
Fe₂O₃ : ≤ 0.0008%, SO₄ : ≤ 0.006%, PO₄ : ≤ 0.002%
SiO₂ : ≤ 0.01005%, CaO : ≤ 0.005%

Purity ≥ 99.9% (Sm₂O₃/TREO)
≥ 46.50% (TREO)

Storage Store at RT

For Laboratory Use Only