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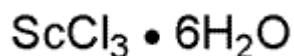
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 35809

Product **Scandium(III) chloride hexahydrate**

Scandium trichloride hexahydrate

CAS Number 20662-14-0

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

Molecular Weight 259.41

Appearance White crystalline powder

Related Substances Rare Earth Impurities :
La₂O₃, Eu₂O₃, Dy₂O₃, Tm₂O₃ : ≤ 1 ppm,
CeO₂, Tb₄O₇ : ≤ 2 ppm, Gd₂O₃, Ho₂O₃ : ≤ 3 ppm,
Pr₆O₁₁, Lu₂O₃ : ≤ 4 ppm, Nd₂O₃, Sm₂O₃, Y₂O₃ : ≤ 5
ppm,
Er₂O₃ : ≤ 6 ppm, Yb₂O₃ : ≤ 15 ppm

Purity ≥ 99.99% (Trace metals basis)

Storage Store at RT

Additional Information Total rare earth oxide : ≥ 26%
Non-Rare Earth impurities :
Fe₂O₃ : ≤ 3 ppm, SO₄²⁻, SiO₂ : ≤ 20 ppm, CaO : ≤ 30 ppm, PbO : ≤ 10
ppm

For Laboratory Use Only