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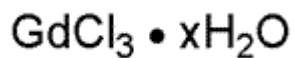
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35537
Product	Gadolinium(III) chloride hydrate
CAS Number	19423-81-5
Molecular Formula	$\text{GdCl}_3 \cdot x\text{H}_2\text{O}$
Molecular Weight	263.61

Appearance	White to off-white powder
Trace Metal Analysis	$\geq 44.5\%$ (Trace metals basis)
Related Substances	La ₂ O ₃ , CeO ₂ , Pr ₆ O ₁₁ , Dy ₂ O ₃ , Ho ₂ O ₃ , Er ₂ O ₃ , CaO : $\leq 0.005\%$ Eu ₂ O ₃ , SiO ₂ : $\leq 0.004\%$, Nd ₂ O ₃ , Tm ₂ O ₃ , Y ₂ O ₃ : $\leq 0.003\%$, Sm ₂ O ₃ , Tb ₄ O ₇ : $\leq 0.002\%$, Yb ₂ O ₃ , Lu ₂ O ₃ , Fe ₂ O ₃ : $\leq 0.001\%$
Purity	$\geq 99.9\%$ (Trace metals basis)
Storage	Store at RT

For Laboratory Use Only