

# *Chem-Impex International, Inc.*

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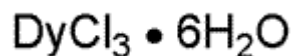
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	35525
<b>Product</b>	<b>Dysprosium(III) chloride hexahydrate</b> Dysprosium trichloride hexahydrate
<b>CAS Number</b>	15059-52-6
<b>Molecular Formula</b>	DyCl <sub>3</sub> •6(H <sub>2</sub> O)
<b>Molecular Weight</b>	376.95

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<b>Appearance</b>	White to pale yellow crystalline powder
<b>Related Substances</b>	Trace rare earth oxides : ≤ 0.1% La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Nd <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Eu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> : ≤ 0.005% Pr <sub>6</sub> O <sub>11</sub> : < 0.004%, Tm <sub>2</sub> O <sub>3</sub> : < 0.004% Sm <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> : ≤ 0.003%, Ho <sub>2</sub> O <sub>3</sub> : ≤ 0.008% Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , CaO : ≤ 0.002%, Fe <sub>3</sub> O <sub>3</sub> : ≤ 0.001%
<b>Assay</b>	≥ 99.9% (Trace metal basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Dy <sub>2</sub> O <sub>3</sub> / TREO: ≥ 99.9% TREO: ≥ 44.5%

**For Laboratory Use Only**