

# *Chem-Impex International, Inc.*

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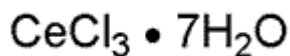
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	35459
<b>Product</b>	<b>Cerium(III) chloride heptahydrate</b> Cerous chloride heptahydrate
<b>CAS Number</b>	18618-55-8
<b>Molecular Formula</b>	CeCl <sub>3</sub> •7H <sub>2</sub> O
<b>Molecular Weight</b>	372.58

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<b>Appearance</b>	Yellow crystalline powder
<b>Related Substances</b>	La <sub>2</sub> O <sub>3</sub> : ≤ 0.0010% Y <sub>2</sub> O <sub>3</sub> : ≤ 0.0005% Pr <sub>6</sub> O <sub>11</sub> : ≤ 0.0005% Nd <sub>2</sub> O <sub>3</sub> : ≤ 0.0006% Sm <sub>2</sub> O <sub>3</sub> : ≤ 0.0005% Fe <sub>2</sub> O <sub>3</sub> : ≤ 0.0020% CaO : ≤ 0.0035% SiO <sub>2</sub> : ≤ 0.0030%
<b>Purity</b>	CeO <sub>2</sub> /TREO : ≥ 99.95%, TREO : ≥ 46.5% trace metals basis
<b>Storage</b>	Store at RT

**For Laboratory Use Only**