

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	35566
<b>Product</b>	<b>Holmium(III) chloride hexahydrate</b>
<b>Lot Number</b>	003184-22051301
	Holmium trichloride hexahydrate
<b>CAS Number</b>	14914-84-2
<b>Molecular Formula</b>	HoCl <sub>3</sub> •6H <sub>2</sub> O
<b>Molecular Weight</b>	379.38

---

<b>Appearance</b>	Pale yellow to yellow moist powder
<b>Related Substances</b>	La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Sm <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> : < 0.005%, Pr <sub>6</sub> O <sub>11</sub> : < 0.004%, Nd <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> : < 0.002%, Tb <sub>4</sub> O <sub>7</sub> , Gd <sub>2</sub> O <sub>3</sub> : < 0.003%, Lu <sub>2</sub> O <sub>3</sub> : < 0.001%, Cao : < 0.008%
<b>Assay</b>	> 99.9% (TREO) (Ho content : > 45.5% (Trace metal basis))
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**