

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	35537
<b>Product</b>	<b>Gadolinium(III) chloride hydrate</b>
<b>Lot Number</b>	003184-24051101
<b>CAS Number</b>	19423-81-5
<b>Molecular Formula</b>	GdCl <sub>3</sub> •xH <sub>2</sub> O
<b>Molecular Weight</b>	263.61

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<b>Appearance</b>	White to off-white powder
<b>Trace Metal Analysis</b>	> 44.5% (Trace metals basis)
<b>Related Substances</b>	La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> : < 0.005% Eu <sub>2</sub> O <sub>3</sub> , CaO, SiO <sub>2</sub> : < 0.004%, Nd <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> : < 0.003%, Sm <sub>2</sub> O <sub>3</sub> : < 0.002%, Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> : < 0.001%
<b>Purity</b>	> 99.9% (Trace metals 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