

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	35653
<b>Lot Number</b>	003131-12099
<b>Product</b>	<b>Lutetium(III) chloride hexahydrate</b> Lutetium trichloride hexahydrate
<b>CAS Number</b>	15230-79-2
<b>Molecular Formula</b>	LuCl <sub>3</sub> •6H <sub>2</sub> O
<b>Molecular Weight</b>	389.42

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<b>Appearance</b>	White crystalline powder
<b>Anion</b>	Si : 10 ppm
<b>Purity</b>	99.9% (Metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Na+K : < 5 ppm, Mg : < 1 ppm, Al : 3 ppm, Ca : 20 ppm, Sc : < 1 ppm, Ti : 1 ppm, V : < 1 ppm, Cr : 1 ppm, Mn : 5 ppm, Fe : 5 ppm, Ni : 3 ppm, Cu : < 1 ppm, Zn : < 1 ppm, Y : < 10 ppm, La : < 100 ppm, Ce : < 10 ppm, Pr : < 10 ppm, Nd : < 10 ppm, Sm : < 10 ppm, Eu : < 10 ppm, Gd : < 100 ppm, Tb : < 3 ppm, Dy : < 1 ppm, Ho : < 3 ppm, Er : < 2 ppm, Tm : < 2 ppm, Yb : < 30 ppm, Pb : < 1 ppm, Bi : < 1 ppm, Th : < 1 ppm, U : < 1 ppm Lu <sub>2</sub> O <sub>3</sub> : 49.1%

<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager