

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	35532
<b>Lot Number</b>	003131-12089
<b>Product</b>	<b>Europium(III) chloride hexahydrate</b> Europium trichloride hexahydrate
<b>CAS Number</b>	13759-92-7
<b>Molecular Formula</b>	$\text{EuCl}_3 \cdot 6\text{H}_2\text{O}$
<b>Molecular Weight</b>	366.41

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<b>Appearance</b>	White crystalline powder
<b>Anion</b>	Si : < 20 ppm
<b>Purity</b>	99.9% (REO, Metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Na+K : < 20 ppm, Mg : < 10 ppm, Al : < 5 ppm, Ca : < 10 ppm, Sc : < 1 ppm, Ti : 2 ppm, V : < 1 ppm, Cr : < 1 ppm, Mn : 5 ppm, Fe : < 30 ppm, Ni : < 20 ppm, Cu : < 20 ppm, Zn : < 10 ppm, Y : < 100 ppm, La : < 50 ppm, Ce : < 50 ppm, Pr : < 100 ppm, Nd : < 50 ppm, Sm : < 100 ppm, Gd : < 100 ppm, Tb : < 50 ppm, Dy : < 10 ppm, Ho : < 10 ppm, Er : < 10 ppm, Tm : < 5 ppm, Yb : < 5 ppm, Lu : < 5 ppm, Pb : < 1 ppm, Th : < 1 ppm, U : < 1 ppm Eu <sub>2</sub> O <sub>3</sub> : 47.2%

<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