

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 35611   |
| <b>Lot Number</b>        | 003131-12096  |
| <b>Product</b>           | <b>Lanthanum(III) chloride heptahydrate</b><br>Lanthanum trichloride heptahydrate |
| <b>CAS Number</b>        | 10025-84-0  |
| <b>Molecular Formula</b> | LaCl <sub>3</sub> •7H <sub>2</sub> O  |
| <b>Molecular Weight</b>  | 371.37  |

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|-------------------------------|---|
| <b>Appearance</b>             | White crystalline powder  |
| <b>Anion</b>                  | Si : < 10 ppm   |
| <b>Purity</b>                 | 99.99% (Metals basis)   |
| <b>Storage</b>                | Store at RT   |
| <b>Additional Information</b> | Na+K : < 3 ppm, Mg : < 1 ppm, Al : < 1 ppm, Ca : 2 ppm, Sc : < 1 ppm,<br>Ti : < 1 ppm, V : < 0.5%, Cr : < 1 ppm, Mn : < 1 ppm, Fe : 2 ppm, Ni :<br>< 1 ppm, Cu : < 1 ppm, Zn : < 1 ppm, Y : < 1 ppm, Ce : 5 ppm, Pr : < 1<br>ppm, Nd : 2 ppm, Sm : < 1 ppm, Eu : < 1 ppm, Gd : < 1 ppm, Tb : < 1<br>ppm, Dy : < 1 ppm, Ho : < 1 ppm, Er : < 1 ppm, Tm : < 1 ppm, Yb : < 1<br>ppm, Lu : < 1 ppm, Pb : < 0.2%, Bi : < 0.2%, Th : < 0.2%, U : < 0.2%<br>La <sub>2</sub> O <sub>3</sub> : 42.5% |

|                |  |
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| <b>Remarks</b> | See material safety data sheet for additional information<br>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