

# *Chem-Impex International, Inc.*

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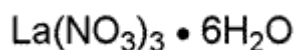
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	35616
<b>Product</b>	<b>Lanthanum(III) nitrate hexahydrate</b> Lanthanum trinitrate hexahydrate
<b>CAS Number</b>	10277-43-7
<b>Molecular Formula</b>	$\text{La}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
<b>Molecular Weight</b>	433.01

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<b>Appearance</b>	White solid
<b>Anion</b>	Chloride (Cl-) : $\leq 0.0035\%$ Sulfate (SO <sub>4</sub> <sup>2-</sup> ) : $\leq 0.001\%$
<b>Cation</b>	Total Rare Earth Oxide (TREO) : $\geq 36\%$ Lanthanum (La <sub>2</sub> O <sub>3</sub> ) : $\geq 99.99\%$ Cerium (CeO <sub>2</sub> ) : $\leq 0.008\%$ Yttrium (Y <sub>2</sub> O <sub>3</sub> ) : $\leq 0.0005\%$ Praseodymium (Pr <sub>6</sub> O <sub>11</sub> ) : $\leq 0.001\%$ Neodymium (Nd <sub>2</sub> O <sub>3</sub> ) : $\leq 0.001\%$ Iron (Fe <sub>2</sub> O <sub>3</sub> ) : $\leq 0.0005\%$ Calcium (CaO) : $< 0.005\%$
<b>Assay</b>	$\geq 99\%$
<b>Storage</b>	Store at RT

**For Laboratory Use Only**