

# *Chem-Impex International, Inc.*

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## *Product Specifications*



<b>Catalogue Number</b>	24565
<b>Product</b>	<b>Lithium nitrate</b>
<b>CAS Number</b>	7790-69-4
<b>Molecular Formula</b>	LiNO <sub>3</sub>
<b>Molecular Weight</b>	68.95

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<b>Appearance</b>	White crystalline powder
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 0.02% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): ≤ 0.02%
<b>Cation</b>	Ferric oxide (Fe <sub>2</sub> O <sub>3</sub> ): ≤ 0.01% Sodium (Na): ≤ 0.02% Potassium: ≤ 0.01% Calcium (Ca): ≤ 0.02% Magnesium (Mg): ≤ 0.01% Lead (Pb): ≤ 0.001%
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>Alkalinity</b>	≤ 0.1%
<b>Insoluble</b>	Acid Insoluble : ≤ 0.01%
<b>Loss on Drying</b>	≤ 0.5%
<b>Assay (anhydrous basis)</b>	≥ 99%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**