

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

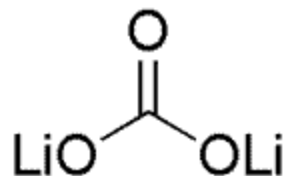
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	30122
<b>Product</b>	<b>Lithium carbonate</b>
<b>CAS Number</b>	554-13-2
<b>Molecular Formula</b>	Li <sub>2</sub> CO <sub>3</sub>
<b>Molecular Weight</b>	73.89

---

<b>Appearance</b>	White solid
<b>Solubility</b>	0.7 g in 100 mL at 100 °C in water
<b>Melting Point</b>	720 °C (Approx.)
<b>Heavy Metals</b>	≤ 0.002% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 0.005% Nitrate(NO <sub>3</sub> ): ≤ 5 ppm Sulfur compounds(as SO <sub>4</sub> ): ≤ 0.2%
<b>Cation</b>	Iron (Fe): ≤ 0.002% Calcium (Ca): ≤ 0.01% Potassium (K): ≤ 0.01% Sodium (Na): ≤ 0.1%
<b>Insoluble</b>	≤ 0.01% (dilute in hydrochloric acid)
<b>Assay by titration</b>	≥ 99.0%
<b>Grade</b>	ACS reagent
<b>Application</b>	Used in a matrix modifier.
<b>Storage</b>	Store at RT

**For Laboratory Use Only**