

# *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>	35632
<b>Product</b>	<b>Lithium carbonate</b> Carbolithium Carbonic acid lithium salt
<b>CAS Number</b>	554-13-2
<b>Molecular Formula</b>	$\text{Li}_2\text{CO}_3$
<b>Molecular Weight</b>	73.89

---

<b>Appearance</b>	Very fine white crystalline powder
<b>Anion</b>	Sulphate (SO <sub>4</sub> ) : ≤ 0.01% Chloride (Cl) : ≤ 0.01%
<b>Cation</b>	Sodium (Na) : ≤ 0.003% Potassium (K) : ≤ 0.001% Calcium (Ca) : ≤ 0.001% Magnesium (Mg) : ≤ 0.001% Iron (Fe) : ≤ 0.001% Copper (Cu) : ≤ 0.001% Lead (Pb) : ≤ 0.001% Aluminium (Al) : ≤ 0.001% Zinc (Zn) : ≤ 0.001%
<b>Water Content (Karl Fisher)</b>	≤ 0.3%
<b>Insoluble</b>	≤ 0.01% in acid
<b>Assay</b>	≥ 99.95%
<b>Grade</b>	Battery Grade
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Loss on Ignition (LOI) : ≤ 0.5%

**For Laboratory Use Only**