

# *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*

LiOH • H<sub>2</sub>O

<b>Catalogue Number</b>	35640
<b>Product</b>	<b>Lithium hydroxide monohydrate</b>
<b>CAS Number</b>	1310-66-3
<b>Molecular Formula</b>	LiOH•H <sub>2</sub> O
<b>Molecular Weight</b>	41.96

---

<b>Appearance</b>	White powder, crystals or granules
<b>Heavy Metals</b>	≤ 0.002% (as Pb)
<b>Trace Metal Analysis</b>	≤ 2500 ppm
<b>Anion</b>	Chloride (Cl) : ≤ 0.01% Sulfate (SO <sub>4</sub> ) : ≤ 0.05%
<b>Cation</b>	Iron (Fe) : ≤ 0.002%
<b>Insoluble material</b>	≤ 0.01%
<b>Related Substances</b>	Lithium carbonate : ≤ 2%
<b>Assay by titration</b>	≥ 98% (by HCl)
<b>Purity</b>	≥ 99% (Trace metals basis)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**