

# *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

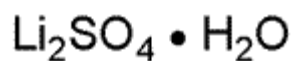
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*



|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 30123  |
| <b>Product</b>           | <b>Lithium sulfate monohydrate</b><br>Lithiophor monohydrate |
| <b>CAS Number</b>        | 10102-25-7   |
| <b>Molecular Formula</b> | $\text{Li}_2\text{SO}_4 \cdot \text{H}_2\text{O}$            |
| <b>Molecular Weight</b>  | 127.96   |

---

|                           |   |
|---------------------------|---|
| <b>Appearance</b>         | White crystalline powder  |
| <b>Heavy Metals</b>       | $\leq 0.001\%$ (as Pb)  |
| <b>Anion</b>              | Chloride ( $\text{Cl}^-$ ): $\leq 0.002\%$<br>Nitrate ( $\text{NO}_3^-$ ): $\leq 0.001\%$ |
| <b>Cation</b>             | Iron (Fe): $\leq 0.001\%$<br>Potassium (K): $\leq 0.05\%$<br>Sodium (Na): $\leq 0.05\%$   |
| <b>Loss on Drying</b>     | 13.0-15.0%  |
| <b>Insoluble material</b> | $\leq 0.01\%$   |
| <b>Assay by titration</b> | $\geq 99.0\%$ (Dry basis)   |
| <b>Grade</b>              | ACS reagent   |
| <b>Application</b>        | Used in preparation of lithium standard solutions.  |
| <b>Storage</b>            | Store at RT   |

**For Laboratory Use Only**