

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	30123
<b>Lot Number</b>	002154-2016-039
<b>Product</b>	<b>Lithium sulfate monohydrate</b>

Lithiophor monohydrate

<b>CAS Number</b>	10102-25-7
<b>Molecular Formula</b>	Li <sub>2</sub> SO <sub>4</sub> •H <sub>2</sub> O
<b>Molecular Weight</b>	127.96

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<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	0.0002% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): 0.001% Nitrate (NO <sub>3</sub> <sup>-</sup> ): < 0.001%
<b>Cation</b>	Iron (Fe): 0.0007% Potassium (K): 0.0106% Sodium (Na): 0.006%
<b>Loss on Drying</b>	14.03%
<b>Insoluble material</b>	0.0063%
<b>Assay by titration</b>	99.11% (Dry basis)
<b>Grade</b>	ACS reagent
<b>Application</b>	Used in preparation of lithium standard solutions.
<b>Storage</b>	Store at RT

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**