

## Certificate of Analysis

Date of Testing: 2023-06-28 14:03:38  
Date of Next Testing: 2027-06-27 14:03:38  
Product Name: **Lithium hydroxide monohydrate**  
CAS Number: 1310-66-3  
Specifications & Purity: ACS, ≥98.0%  
Lot #: F2316416  
SKU #: **L104909**  
**Analysis:** **245838**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.05 (%)	0.02 %
Iron(Fe)	0-0.002 (%)	0.00 %
LiOH.H <sub>2</sub> O(Titration by HCL)	97.5-102.5 (%)	100.00 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Insoluble matter	0-0.01 (%)	0.01 %
Chloride Content	0-0.01 (%)	0.00 %
lithium carbonate (Li <sub>2</sub> CO <sub>3</sub> )	0-2 (%)	1.20 %
Appearance (L104909)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager