

Certificate of Analysis

Date of Testing: 2024-07-22 16:26:58
Date of Next Testing: 2028-07-21 16:26:58
Product Name: **Lithium hydroxide monohydrate**
CAS Number: 1310-66-3
Specifications & Purity: Analytical Reagent,98%
Lot #: G2415155
SKU #: **L104907**
Version: **2**
Analysis #: **351341**
Storage Temperature: Argon charged,Desiccated

| Parameter | Limit Values | Result |
|----------------------------------|------------------------|------------------------|
| Sodium(Na) | 0-0.05 (%) | 0.02 % |
| Magnesium(Mg) | 0-0.01 (%) | 0.00 % |
| Potassium(K) | 0-0.05 (%) | 0.02 % |
| Calcium(Ca) | 0-0.01 (%) | 0.00 % |
| Iron(Fe) | 0-0.002 (%) | 0.00 % |
| Chloride | 0-0.005 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.02 (%) | 0.01 % |
| Clarity test (#) | 0-4 | 4.00 |
| Insoluble matter in hydrochloric | 0-0.005 (%) | 0.00 % |
| Purity(Titration by HCl) | 97.5-102.5 (%) | 102.41 % |
| LiOH(Titration by HCL) | 55.6-58.5 (%) | 58.12 % |
| lithium carbonate (Li2CO3) | 0-2 (%) | 1.50 % |
| Appearance (L104907) | White crystals | White crystals |
| ICP Assay | Confirmed to structure | Confirmed to structure |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager