

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2025-10-15 10:30:52  
Date of Next Testing: 2026-10-15 10:30:52  
Product Name: **Potassium hydroxide**  
CAS Number: 1310-58-3  
Specifications & Purity: electronic grade, ≥99.999% metals basis, excludes sodium content  
Lot #: L2116312  
SKU #: **P112287**  
Version: **1**  
Analysis #: **587438**  
Storage Temperature: Argon charged, Desiccated

| Parameter                                                      | Limit Values           | Result                 |
|----------------------------------------------------------------|------------------------|------------------------|
| Purity(Based On Trace Metals Analysis Excludes Sodium Content) | 99.999-100 (%)         | 99.99900 %             |
| Trace Metal Analysis(Excludes Sodium Content)                  | 0-10 (ppm)             | 10.00000 ppm           |
| Assay(Titration by HCL)                                        | 85-100.5 (%)           | 96.24000 %             |
| Potassium Carbonate(K <sub>2</sub> CO <sub>3</sub> )           | 0-2 (%)                | 1.07780 %              |
| Appearance (P112287)                                           | white flakes           | white flakes           |
| ICP Major Analysis Confirmed                                   | Confirmed to structure | Confirmed to structure |
| X-Ray Diffraction                                              | Conforms to Structure  | Conforms to Structure  |

