

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-12 10:21:24  
Date of Next Testing: 2030-08-11 10:21:24  
Product Name: **Potassium hydroxide**  
CAS Number: 1310-58-3  
Grades & Purity: ≥95%  
Lot #: H2604583  
SKU #: **P301749**  
Version: **1**  
Analysis #: **716763**  
Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                | Limit Values                     | Result                           |
|--------------------------|----------------------------------|----------------------------------|
| Iron(Fe)                 | 0-15 (ppm)                       | 0.00000 ppm                      |
| Nickel(Ni)               | 0-10 (ppm)                       | 0.00000 ppm                      |
| Chloride (Cl-)           | 0-0.01 (%)                       | 0.00290 %                        |
| Sodium(Na)               | 0-2 (%)                          | 1.12000 %                        |
| Carbonate                | 0-2 (%)                          | 0.60000 %                        |
| Silicate(SiO3)           | 0-0.02 (%)                       | 0.00000 %                        |
| Sulfate(SO42-)           | 0-0.02 (%)                       | 0.00000 %                        |
| Purity(Titration by HCl) | 94.5-105.5 (%)                   | 96.29000 %                       |
| Nitrogen compounds(as N) | 0-0.001 (%)                      | 0.00100 %                        |
| Appearance (P301749)     | White Flakes, Crystals or Chunks | White Flakes, Crystals or Chunks |
| Clarity                  | Pass                             | Pass                             |
| X-Ray Diffraction        | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager