

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-13 13:52:25
Date of Next Testing: 2029-06-12 13:52:25
Product Name: **Potassium hydroxide**
CAS Number: 1310-58-3
Specifications & Purity: $\geq 95\%$
Lot #: F2504595
SKU #: **P301749**
Version: **1**
Analysis #: **528724**
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 (%) | 0.00350 % |
| Sodium(Na) | 0-2 (%) | 1.96000 % |
| Carbonate | 0-2 (%) | 0.00000 % |
| Silicate(SiO ₃) | 0-0.02 (%) | 0.02000 % |
| Sulfate(SO ₄ ²⁻) | 0-0.02 (%) | 0.00000 % |
| Purity(Titration by HCl) | 94.5-105.5 (%) | 96.21000 % |
| Nitrogen compounds(as N) | 0-0.001 (%) | 0.00000 % |
| 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