

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-06 18:30:08
Date of Next Testing: 2028-11-05 18:30:08
Product Name: **Potassium hydroxide**
CAS Number: 1310-58-3
Specifications & Purity: $\geq 95\%$
Lot #: J2425289
SKU #: **P301749**
Version: **1**
Analysis #: **352669**

Parameter	Limit Values	Result
Iron(Fe)	0-15 (ppm)	0.00 ppm
Nickel(Ni)	0-10 (ppm)	0.00 ppm
Chloride (Cl-)	0-0.01 (%)	0.00 %
Carbonate	0-2 (%)	0.66 %
Silicate(SiO ₃)	0-0.02 (%)	0.01 %
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.00 %
Purity(Titration by HCl)	94.5-105.5 (%)	96.31 %
Sodium(Na)	0-2 (%)	1.63 %
Nitrogen compounds(as N)	0-0.001 (%)	0.00060 %
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