

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-30 17:44:37
 Date of Next Testing: 2028-12-29 17:44:37
 Product Name: **Potassium hydroxide**
 CAS Number: 1310-58-3
 Specifications & Purity: $\geq 95\%$
 Lot #: L2427431
 SKU #: **P301749**
 Version: **1**
 Analysis #: **455766**
 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 (%)	0.00000 %
Sodium(Na)	0-2 (%)	0.82000 %
Carbonate	0-2 (%)	0.30000 %
Silicate(SiO ₃)	0-0.02 (%)	0.01000 %
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.00300 %
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