

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-11 18:19:40  
Date of Next Testing: 2028-11-10 18:19:40  
Product Name: **Potassium hydroxide**  
CAS Number: 1310-58-3  
Specifications & Purity: ACS  
Lot #: K2406367  
SKU #: **P112285**  
Version: **1**  
Analysis #: **435234**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Assay	85-100 (%)	95.91 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Phosphate(PO4)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-0.001 (%)	0.00 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.003 (%)	0.00 %
Nickel(Ni)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.005 (µg/mg)	0.00 µg/mg
Sodium(Na)	0-0.05 (%)	0.00 %
Potassium Carbonate(K2CO3)	0-2 (%)	1.00 %
Chloride (Cl-)	0-0.01 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager