

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-25 11:19:47  
Date of Next Testing: 2026-11-24 11:19:47  
Product Name: **Potassium hydroxide**  
CAS Number: 1310-58-3  
Specifications & Purity: ACS  
Lot #: K2222728  
SKU #: **P112285**  
Version: **1**  
Analysis #: **562590**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Assay	85-100 (%)	93.59000 %
Magnesium(Mg)	0-0.002 (%)	0.00110 %
Phosphate(PO4)	0-5 (ppm)	1.21000 ppm
Iron(Fe)	0-0.001 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.003 (%)	0.00000 %
Nickel(Ni)	0-0.001 (%)	0.00000 %
Calcium(Ca)	0-0.005 (µg/mg)	0.00000 µg/mg
Sodium(Na)	0-0.05 (%)	0.02100 %
Potassium Carbonate(K2CO3)	0-2 (%)	1.21400 %
Chloride (Cl-)	0-0.01 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager