

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-18 14:51:04
 Date of Next Testing: 2029-01-17 14:51:04
 Product Name: **Potassium hydroxide**
 CAS Number: 1310-58-3
 Specifications & Purity: ACS
 Lot #: A2515394
 SKU #: **P112285**
 Version: **1**
 Analysis #: **465092**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Assay	85-100 (%)	95.94000 %
Magnesium(Mg)	0-0.002 (%)	0.00010 %
Phosphate(PO4)	0-5 (ppm)	0.60000 ppm
Iron(Fe)	0-0.001 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.003 (%)	0.00100 %
Nickel(Ni)	0-0.001 (%)	0.00020 %
Calcium(Ca)	0-0.005 (µg/mg)	0.00190 µg/mg
Sodium(Na)	0-0.05 (%)	0.00400 %
Potassium Carbonate(K2CO3)	0-2 (%)	0.71000 %
Chloride (Cl-)	0-0.01 (%)	0.00200 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager