

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-04 16:50:48
 Date of Next Testing: 2029-12-03 16:50:48
 Product Name: **Potassium hydroxide**
 CAS Number: 1310-58-3
 Specifications & Purity: AR, ≥85%
 Lot #: K2520641
 SKU #: **P112284**
 Version: **4**
 Analysis #: **616381**
 Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Fluosilicate(SiO3)	0-0.02 (%)	0.02000 %
Chloride (Cl-)	0-0.01 (%)	0.00120 %
(PO4)Phosphate	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Aluminum(Al)	0-0.005 (%)	0.00000 %
Potassium Carbonate(K2CO3)	0-1.5 (%)	0.89000 %
Assay	85-100 (%)	96.83000 %
Nickel(Ni)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Clarity test (#)	0-4	4.00000
Total Nitrogen	0-0.001 (%)	0.00100 %
Sodium(Na)	0-2 (%)	1.41000 %
Appearance (P112284)	White Powder ,Flakes, or Chips	White Powder ,Flakes, or Chips
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager