

Certificate of Analysis

Date of Testing: 2025-05-06 16:12:06

Date of Next Testing: 2029-05-05 16:12:06

Product Name: **Potassium hydroxide**

CAS Number: 1310-58-3

Specifications & Purity: AR, ≥85%

Lot #: D2521593

SKU #: **P112284**

Version: **4**

Analysis #: **505913**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Fluosilicate(SiO3)	0-0.02 (%)	0.02000 %
Chloride (Cl-)	0-0.01 (%)	0.00200 %
(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 (%)	1.49000 %
Assay	85-100 (%)	95.64000 %
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 (%)	0.93000 %
Appearance (P112284)	White Powder ,Flakes, or Chips	White Powder ,Flakes, or Chips
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager