

Certificate of Analysis

Date of Testing:	2024-06-19 15:20:52
Date of Next Testing:	2028-06-18 15:20:52
Product Name:	Potassium hydroxide
CAS Number:	1310-58-3
Specifications & Purity:	Analytical Reagent,85%
Lot #:	F2411489
SKU #	P112284
Version	4
Analysis #:	371879
Storage Temperature:	Argon charged,Desiccated

Parameter	Limit Values	Result
Fluosilicate(SiO3)	0-0.02 (%)	0.02000 %
Chloride (Cl-)	0-0.01 (%)	0.01000 %
(PO4)Phosphate	0-0.005 (%)	0.00500 %
Calcium(Ca)	0-0.005 (%)	0.00000 %
Aluminum(Al)	0-0.005 (%)	0.00000 %
Potassium Carbonate(K2CO3)	0-1.5 (%)	0.65000 %
Assay	85-100 (%)	95.94000 %
Nickel(Ni)	0-0.0005 (%)	0.00000 ppm
Iron(Fe)	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00500 %
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 (%)	0.99910 %
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".

John Su
QA & QC Manager