

Certificate of Analysis

Date of Testing:	2024-10-23 17:34:33
Date of Next Testing:	2028-10-22 17:34:33
Product Name:	Potassium hydroxide
CAS Number:	1310-58-3
Specifications & Purity:	GR, ≥85%
Lot #:	J2415869
SKU #	P112286
Version	5
Analysis #:	425731
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-0.005 (%)	0.00500 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00300 %
Aluminum(Al)	0-0.002 (%)	0.00000 %
Total Nitrogen	0-0.0005 (%)	0.00050 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Nickel(Ni)	0-0.0001 (%)	0.00000 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Zinc(Zn)	0-0.001 (%)	0.00000 %
(PO ₄)Phosphate	0-0.001 (%)	0.00100 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-1 (%)	0.79000 %
Clarity test (#)	0-2	2.00000
Assay	85-100 (%)	89.08000 %
Fluosilicate(SiO ₃)	0-0.01 (%)	0.01000 %
Potassium Carbonate(K ₂ CO ₃)	0-1 (%)	0.34000 %
Appearance (P112286)	White Powder ,Flakes, or Chips	white flakes
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