

Certificate of Analysis

Date of Testing: 2022-07-08 10:19:35
 Date of Next Testing: 2026-07-07 10:19:35
 Product Name: **Potassium hydroxide**
 CAS Number: 1310-58-3
 Specifications & Purity: Analytical Reagent,85%
 Lot #: G2204092
 SKU #: **P112284**
Analysis: **097339**
 Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Silicate(SiO ₃)	0-0.02 (%)	0.00 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00 %
(PO ₄)Phosphate	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Aluminum(Al)	0-0.005 (%)	0.00 %
Potassium Carbonate(K ₂ CO ₃)	0-1.5 (%)	0.70 %
Purity(Titration by HCl)	85-100 (%)	91.15 %
Nickel(Ni)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Heavy metals	0-0.002 (%)	0.00 %
Total Nitrogen	0-0.0005 (%)	0.00 %
Sodium(Na)	0-2 (%)	0.88 %
Appearance (P112284)	White Powder ,Flakes, or Chips	White Powder ,Flakes, or Chips
Clarity of solution , ≤4#	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager