

Certificate of Analysis

Date of Testing:	2022-09-13 13:41:16
Date of Next Testing:	2026-09-12 13:41:16
Product Name:	Potassium hydroxide
CAS Number:	1310-58-3
Specifications & Purity:	Analytical Reagent,85%
Lot #:	I2208754
SKU #	P112284
Analysis:	109084
Storage Temperature:	Argon charged,Desiccated

Parameter	Limit Values	Result
Sodium(Na)	0-2 (%)	0.80 %
Silicate(SiO3)	0-0.02 (%)	0.00 %
Chloride (Cl-)	0-0.01 (%)	0.00 %
(PO4)Phosphate	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Aluminum(Al)	0-0.005 (%)	0.00 %
Potassium Carbonate(K2CO3)	0-1.5 (%)	0.65 %
Purity(Titration by HCl)	85-100 (%)	91.00 %
Nickel(Ni)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Heavy metals	0-0.002 (%)	0.00 %
Total Nitrogen	0-0.0005 (%)	0.00 %
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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager