

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2021-11-12 00:15:35
Date of Next Testing: 2025-11-11 00:15:35
Product Name: **Potassium hydroxide**
CAS Number: 1310-58-3
Specifications & Purity: Analytical Reagent, 85%
Lot #: K2111191
SKU #: **P112284**
Analysis: **040292**

Parameter	Limit Values	Result
Sodium(Na)	0-2 (%)	0.00000 %
Silicate(SiO ₃)	0-0.02 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.01 (%)	0.00000 %
(PO ₄)Phosphate	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.01 (%)	0.00000 %
Aluminum(Al)	0-0.005 (%)	0.00000 %
Potassium Carbonate(K ₂ CO ₃)	0-2 (%)	1.23000 %
Purity(Titration by HCl)	85-100 (%)	89.65000 %
Nickel(Ni)	0-0.0005 (%)	0.00008 %
Iron(Fe)	0-0.001 (%)	0.00026 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00000 %
Heavy metals	0-0.002 (%)	0.00000 %
Nitrogen by Elemental Analysis	0-0.0005 (%)	0.00050 %
Appearance (P112284)	White Powder ,Flakes, or Chips	White Powder ,Flakes, or Chips
Clarity of solution	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