

Certificate of Analysis

Date of Testing: 2025-04-22 11:28:26

Date of Next Testing: 2029-04-21 11:28:26

Product Name: **Potassium hydroxide**

CAS Number: 1310-58-3

Specifications & Purity: GR, ≥85%

Lot #: D2514547

SKU #: **P112286**

Version: **5**

Analysis #: **502376**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.005 (%)	0.00100 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.003 (%)	0.00000 %
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 %
(PO4)Phosphate	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-1 (%)	0.76000 %
Clarity test (#)	0-2	2.00000
Assay	85-100 (%)	90.30000 %
Fluosilicate(SiO3)	0-0.01 (%)	0.01000 %
Potassium Carbonate(K2CO3)	0-1 (%)	0.93000 %
Appearance (P112286)	White Powder ,Flakes, or Chips	white flakes
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