

Certificate of Analysis

Date of Testing: 2022-09-27 11:21:31

Date of Next Testing: 2026-09-26 11:21:31

Product Name: **Potassium bicarbonate**

CAS Number: 298-14-6

Specifications & Purity: ≥99.99% metals basis, 99.7-100.5% dry basis

Lot #: I2223227

SKU #: **P110487**

Analysis: 091789

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Phosphate(PO4)	0-5 (ppm)	3.20 ppm
Ammonia (NH4)	0-5 (ppm)	1.20 ppm
Iron(Fe)	0-5 (ppm)	0.18 ppm
Sodium(Na)	0-0.03 (%)	0.01 %
Sulfate(SO42-)	0-0.003 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Chloride Content	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Purity(Titration by HCL)(dry basis)	99.7-100.5 (%)	99.97 %
Heavy metal (as Pb)	0-5 (ppm)	4.96 ppm
Trace Metal Analysis	0-100 (ppm)	96.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
Appearance (P110487)	White Crystals, Powder or Granules	White Crystals, Powder or Granules
ICP:Confirms Potassium Component	Confirmed	Confirmed
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