

## Certificate of Analysis

Date of Testing:	2024-08-13 10:45:41
Date of Next Testing:	2028-08-12 10:45:41
Product Name:	<b>Potassium bicarbonate</b>
CAS Number:	298-14-6
Specifications & Purity:	≥99.99% metals basis, 99.7-100.5% dry basis
Lot #:	H2408063
SKU #	<b>P110487</b>
Version	<b>0</b>
Analysis #:	<b>336464</b>

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Phosphate(PO <sub>4</sub> )	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-0.03 (%)	0.02 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	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 %
Ammonia (NH <sub>4</sub> )	0-5 (ppm)	5.00 ppm
Trace Metal Analysis	0-100 (ppm)	99.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
Purity(Titration by HCL)(dry basis)	99.7-100.5 (%)	99.70 %
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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ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager