



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>POTASSIUM BICARBONATE 99.5% EXTRAPURE</b>
<b>Code No.</b>	<b>B-02066</b>
<b>Batch No.</b>	<b>BC09240577</b>
<b>Cas No.</b>	<b>298-14-6</b>
<b>Mfg.Date</b>	<b>Sep/2024</b>
<b>Date of Analysis</b>	<b>09/24/2024</b>
<b>Retest Date</b>	<b>Oct-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
<b>Appearance</b>	White crystalline powder	White crystalline powder
<b>Assay (acidimetric)</b>	99.5 - 101%	99.8%
<b>pH (5% solution in water)</b>	8.0 - 8.5	8.27
<b>Chloride (Cl)</b>	Max 0.015%	Less than 0.015%
<b>Sulphate (SO4)</b>	Max 0.01%	Less than 0.01%
<b>Heavy metal (as Pb)</b>	Max 0.0005%	Less than 0.0005%
<b>Iron (Fe)</b>	Max 0.001%	Less than 0.001%
<b>Carbonate (as K<sub>2</sub>CO<sub>3</sub>)</b>	Passes test	Passes
<b>Arsenic (As)</b>	Max 0.0002%	Less than 0.0002%
<b>Copper (Cu)</b>	Max 0.0005%	Less than 0.0005%
<b>Sodium (Na)</b>	Max 0.5%	Less than 0.5%
<b>Zinc (Zn)</b>	Max 0.0025%	Less than 0.0025%
<b>Loss on drying (over silica gel)</b>	Max 0.3%	0.17%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on  
**+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)