



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>BARIUM ACETATE 99% EXTRAPURE</b>
<b>CAS No.</b>	<b>543-80-6</b>
<b>Code No.</b>	<b>B-00331</b>
<b>Batch No.</b>	<b>BC01252051</b>
<b>Mfg.Date</b>	<b>JAN-2025</b>
<b>Date of Analysis</b>	<b>19/01/2025</b>
<b>Retest Date</b>	<b>DEC-2030</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder	White crystalline powder
Assay (as Ba(CH <sub>3</sub> COO) <sub>2</sub> (by chelatometry)	Min 99.01%	99.31%
Substance insoluble in water	Max 0.01%	0.0025%
pH (5% solution in water; 20°C)	8.5-8.5	6.89
Chloride (Cl)	Max 0.004%	0.001%
Heavy metal (as Pb)	Max 0.001%	0.00052%
Iron (Fe)	Max 0.001%	0.00021%
Total nitrogen (N)	Max 0.005	0.0006%
Calcium (Ca)	Max 0.05%	0.0079%
Strontium (Sr)	Max 0.3%	0.089%
Substance not precipitated by dilute H <sub>2</sub> SO <sub>4</sub> (as SO <sub>4</sub> )	Max 0.3%	0.077%
Substance reducing KMnO <sub>4</sub> (as HCOCH)	Max 0.025%	0.012%

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)