



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>BORIC ACID 99.5% MOLECULAR BIOLOGY</b>
<b>Cas No.</b>	<b>10043-35-3</b>
<b>Code No.</b>	<b>B-00454</b>
<b>Batch No.</b>	<b>BC2654756</b>
<b>Mfg.Date</b>	<b>NOV-2024</b>
<b>Date of Analysis</b>	<b>22/11/2024</b>
<b>Retest Date</b>	<b>DEC-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
<b>Appearance</b>	White powder / crystals / crystalline powder	White crystalline powder
<b>Assay (acidimetric)</b>	Min 99.5%	99.95 %
<b>DNases (exo and endonucleases)</b>	None detected	None detected
<b>Insoluble matter</b>	Passes filter test	Passes test
<b>Loss on drying (at 120°C)</b>	Max 0.5%	0.21%
<b>Solubility (1 M in water)</b>	Complete, colourless	Complete, colourless
<b>pH (saturated solution in water)</b>	3.6 - 4.6	4.10
<b>Chloride (Cl)</b>	Max 0.0005 %	0.00039 %
<b>Phosphate (PO4)</b>	Max 0.0005 %	0.00049 %
<b>Sulphate (SO4)</b>	Max 0.0005 %	0.00039 %
<b>Heavy metal (as Pb)</b>	Max 0.0005 %	0.000035 %
<b>Arsenic (As)</b>	Max 0.00005%	< 0.00005%

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)