



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>BORIC ACID (POWDER) 99.5% EXTRAPURE</b>
<b>Cas No.</b>	<b>10043-35-3</b>
<b>Code No.</b>	<b>B-00452</b>
<b>Batch No.</b>	<b>BC06240861</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	White powder
<b>Assay (alkalimetric; on dried basis)</b>	99.5-100.5%	100.07 %
<b>Identification</b>	To comply IP, BP, USP tests	Complies
<b>Solubility</b>	Soluble in water and in ethanol (96 per cent), freely soluble in boiling water and in glycerol (85 per cent)	Complies
<b>Appearance of solution</b>	To comply IP, BP, USP	Complies
<b>Substance insoluble in alcohol</b>	To comply IP, BP, USP test	Complies
<b>pH (3.3% solution in water)</b>	3.8-4.8	4.25
<b>Sulphate (SO<sub>4</sub>)</b>	Max 0.045 %	0.024%
<b>Heavy metal (as Pb)</b>	Max 0.0015 %	0.0003%
<b>Arsenic (As)</b>	Max 0.001 %	0.0005%
<b>Organic impurities</b>	To comply BP test	Complies
<b>Loss on drying (5hrs; over silica gel)</b>	Max 0.5%	0.21%

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)