



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>BORIC ACID (POWDER) 99.5% EXTRAPURE</b>
<b>Cas No.</b>	<b>:</b>	<b>10043-35-3</b>
<b>Code No.</b>	<b>:</b>	<b>00452</b>
<b>Batch No.</b>	<b>:</b>	<b>PC08231345</b>
<b>Mfg. Date</b>	<b>:</b>	<b>AUG-2023</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>25/08/2023</b>
<b>Retest Date</b>	<b>:</b>	<b>JULY-2028</b>

TEST	SPECIFICATION	RESULT
Appearance	White powder	White powder
Assay (alkalimetric; on dried basis)	99.5-100.5%	100.20%
Identification	To comply IP, BP, USP tests	Complies
Solubility	Soluble in water and in ethanol (96 per cent), freely soluble in boiling water and in glycerol (85 per cent)	Complies
Appearance of solution	To comply IP, BP, USP	Complies
Substance insoluble in alcohol	To comply IP, BP, USP test	Complies
pH (3.3% solution in water)	3.8-4.8	3.95
Sulphate (SO <sub>4</sub> )	Max 0.045%	0.020%
Heavy metal (as Pb)	max 0.0015%	0.0003%
Arsenic (As)	max 0.001%	0.0005%
Organic impurities	To comply BP test	Complies
Loss on drying (5hrs; over silica gel)	Max 0.5%	0.09%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

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

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)