

CERTIFICATE OF ANALYSIS

Product Name	: BORIC ACID POWDER	Release Date	: 1-OCT-2025
Lot No.	: PEL/TCG/250225/25	Mol. Weight	: 61.83
Mol. Formula	: H ₃ BO ₃	CAS No.	: 10043-35-3
Code No.	: PEL106	Exp. Date	: Aug-2032
Mfg. Date	: Sep-2025		
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	White powder	White powder
2	Assay (alkalimetric; on dried basis)	99.4-100.6%	100.46%
3	Identification	To comply IP, BP, USP tests	Passes test
4	Solubility	Soluble in water and in ethanol (96 per cent), freely soluble in boiling water and in glycerol (85 per cent)	Passes test
5	Appearance of solution	To comply IP, BP, USP	Passes test
6	Substance insoluble in alcohol	To comply IP, BP, USP test	Passes test
7	pH (3.3% solution in water)	3.8 - 4.7	4.37
8	Sulphate (SO ₄)	Max 0.045%	0.008%
9	Heavy metal (as Pb)	max 0.0015%	Not detected
10	Arsenic (As)	Max 0.001%	<0.00005%
11	Organic impurities	To comply BP test	Passes test
12	Loss on drying (5hrs; over silica gel)	Max 0.5%	0.11%

CONCLUSION - This above product complies as per the specifications of PELICAN (TRUST LIES HERE)

JAIRIK PANCHOLI
CHEMIST

ANKIT AHJOLIA
QC MANAGER