

PRODUCT

: BORIC ACID (H_3BO_3) POWDER

Sr. No.	TEST PARAMETERS	Requirement as per	Result
1	Description	Material shall be free	Complies
2	Boric Acid percentage by mass	99.60%min	99.83%
3	Moisture percentage by mass	Max 0.2%	0.14%
4	Chloride as (Cl), percent by mass	<0.005%	Complies
5	Sulphate (as SO_4), percent by mass	<0.045%	Complies
6	Iron as (as Fe) , percent by mass	<0.001%	Complies
7	pH (3.33% of Soln. @ Room Temp.)	3.8-4.8	4.01
8	Clarity & Colour (3.33%of Soln.)	Clear & Colourless	Clear & Colourless
9	Bulk Density	500-600 Kg/m^3	545 Kg/m^3
10	Particle Size passing on 200 mesh	90 % min	91.55%