



# BORIC ACID Ph

Ph Grade



- Granular
- Powdered
- 50 lb. bags
- Fiber Drums
- Bulk Sacks
- Technical
- Ph grade

Rose Mill Company is the largest independent producer of boric acid powder in North America. We process our high-quality powdered and granular boric acid each day, ensuring a fresh product with longer shelf-life. Boric acid is used in the production of agricultural products, flame-retardants, antiseptic treatments, pharmaceuticals, coatings, and metallurgy. Under normal conditions, boric acid is stable, free-flowing, and mildly acidic.

Rose Mill stocks boric acid technical and Ph grades in bulk sacks, fiber drums, and in pallets of 50 lb. bags. Custom powdering as well as custom packaging is available to meet your specifications. Contact us for details.

## Product Analysis

### BORIC ACID Ph Grade (orthoboric acid) CAS 10043-35-3

Typical Analysis	Specification (4 S.D. range)	Typical Result
B <sub>2</sub> O <sub>3</sub>	56.1-56.2%	56.2%
Purity	99.7-99.9% min.	99.9%
SO <sub>4</sub>	0.01-0.04	0.02
Cl	0.008-0.022	0.15
Ca	0.001-0.003	0.002
Na	0.011-0.023	0.017
Mg	0.006 max	<0.006
Fe <sub>2</sub> O <sub>3</sub>	0.0004 max	<0.0004
Pb	0.0002 max	<0.0002
PO <sub>4</sub>	0.002 max	<0.002
As	0.001 max	<0.001
Hg		<1 ppb
Specific Gravity	1.43	
Solubility in Water	4.7% @ 20° C	
pH 6.10 (0.1% solution 20°C)		
pH 3.70 (4.7% solution 20°C)		

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