

Boric acid Powdered Technical

Orthoboric acid, Boracic acid

White powdered material

H₃BO₃

CAS No. 10043-35-3

CHEMICAL SPECIFICATION			
Component	Unit	Content	Typical
B ₂ O ₃	%	56.25 - 56.80	56.25
Purity	%	99.92 - 100.89	99.95
Fe	ppm	5.00 max	3.00
Cl	ppm	5.00 max	5.00
SO ₄	ppm	300.00 max	200.00

PHYSICAL SPECIFICATION			
Mesh Size	Unit	Content	Typical
+ 18 mesh	%	0.00 max	0.00
- 120 mesh	%	45.00 min	70.00

Other properties:

pH @ 20°C: 5.1 (1.0% solution)

Solubility: 4.7% @ 20°C (in

water) Melting point: 169 +/-1 °C

Bulk density: Powder: 37.46 lbs/ft³

Packaging

Boric acid Powdered Technical is available in 25 kg net (55.1 lb. net) multiwall paper bags, 1MT (2, 205 lb. net) super sacks. Custom packaging is available.