

Boric Acid Powder Technical

Orthoboric acid, Boracic acid

White powdered material

H₃BO₃

CAS No. 10043-35-3

CHEMICAL SPECIFICATIONS		
Component	Unit	Content
B ₂ O ₃	%	56.25 - 56.80
Purity	%	99.92 - 100.89
Fe	ppm	4.00 max
Cl	ppm	5.00 max
SO ₄	ppm	300.00 max

PHYSICAL SPECIFICATIONS		
Mesh Size	Unit	Content
+ 18 mesh	%	0.00 max
- 120 mesh	%	45.00 min

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.

Specification data is determined by Eti Maden analytical methods