

Boric Acid, Technical Grade

Synonym: Boracic Acid, Orthoboric Acid

Typical Parameters:

Molecular Formula	H ₃ BO ₃ .or B(OH) ₃
Molecular Weight	61.83
CAS Number	10043-35-3
Bulk Density	1.435 gm/cm ³
Melting Range	170.9 °C
Solubility in water	4.72 g/100 ml at 20 °C

Quality Specifications:

Appearance	<i>White Powder</i>
Purity/Assay	<i>99.0% (Min)</i>
Moisture	<i>0.5% (Max)</i>
B₂O₃	<i>56.25% (Max)</i>
SO₄	<i>800 ppm (Max)</i>
Chloride (Cl)	<i>50 ppm (Max)</i>
Iron (Fe)	<i>100 ppm (Max)</i>



Availability: Available in 50 Kg fiber drums

Shipment: Not Regulated

Storage: Keep in a well closed container stored under cold to warm conditions, 2 to 40 C, (36 to 104F)

⁽¹⁾**Disposal:** Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-Nugen or e-mail: nicg@nugentec.com.