



PRODUCT SPECIFICATION

CHEMICAL NAME:	Boric acid
FORMULA:	H ₃ BO ₃
MOLECULAR WEIGHT:	61.83
CAS/TSCA NUMBER:	10043-35-3
DESCRIPTION:	White, granular, crystalline solid, fairly dustless, with a slippery or soapy feel
GRADES:	Technical granular, powdered

Granular:

Item	Typical Range	Specification Standard
Boric Acid (H ₃ BO ₃)	99.8 - 101.6 %	99.8 % min
Boric Oxide (B ₂ O ₃)	56.2 – 57.2 %	56.2 % min
Sulfate (as SO ₄)	0.03 – 0.10 %	0.10 % max
Chloride (Cl)	40 - 90 ppm	90 ppm max

Powdered:

Item	Typical Range	Specification Standard
Boric Acid (H ₃ BO ₃)	99.8 - 101.6 %	99.8 % min
Boric Oxide (B ₂ O ₃)	56.2 – 57.2 %	56.2 % min
Sulfate (as SO ₄)	0.04 – 0.34 %	0.34 % max
Chloride (Cl)	40 - 150 ppm	150 ppm max