

Boric Acid, Pharma.

H ₃ BO ₃	FW. 61.83	Density	= 1.44 g/cm ³
CAS-No.	10043-35-3	Melting Point	171 °C
Code	BP1234		

Specifications

(Meets Ph.Eur, BP, USP/NF, JP)

Assay	99.5% min.
Identity	Passes test
Appearance of solution	Clear and colorless
pH of a 3.3% solution at 25°C	3.8 - 4.8
Solubility in Ethanol (96%)	Passes test
Loss on drying (Silica gel)	0.5% max.
Organic matter	Passes test
Sulfate (SO ₄)	0.04% max.
Heavy metals (as Pb)	0.001% max.
Arsenic (As)	0.0005% max.
Iron (Fe)	0.001% max.
Lead (Pb)	0.001% max.

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