

TECHNICAL SPECIFICATION

BORIC ACID CQ

Granular

ORTHOBORIC ACID H_3BO_3

CAS No. 10043-35-3

CHEMICAL SPECIFICATION

	Range (%)
Equiv. Boric Acid (H_3BO_3)	99.90 - 100.20
Boric Oxide (B_2O_3)	56.24 - 56.41
Boron (B)	17.46 – 17.52

Solubility in water at 20 °C	27.16 g/L B_2O_3 48.24 g/L BA CQ
pH at 20°C	3.8

	EXPECTED (ppm)	MAXIMUM (ppm)
Sulphate (SO_4)	500	1000
Chloride (Cl)	200	350
Iron (Fe)	6	10

GRANULOMETRY SPECIFICATION

A.S.T.M. Sieve N°	μm	Retained %
20	850	1.5 max.

BULK DENSITY

	t / m ³
Typical Range	0.80 - 0.90

PACKING

- 1000 kg. Polypropylene bag with a polyethylene liner.
- 25 kg. Polypropylene bag with a polyethylene liner.
- 25 kg. Paper bag with a polyethylene liner.

ADDITIONAL INFORMATION

The above specifications are established and guaranteed by the following Inkabor Analytical Methods:

- Volumetric Determination of $\%H_3BO_3$ (ISO 1914)

Special features such as low sulphates, must be previously agreed with the company.



INKABOR is an active
member of the European
Borates Association