

# TECHNICAL SPECIFICATION

## BORIC ACID MO-CQ

Powder

### ORTHOBORIC ACID $H_3BO_3$

CAS No. 10043-35-3

#### CHEMICAL SPECIFICATION

	Range (%)
Equiv. Boric Acid ( $H_3BO_3$ )	99.85 - 100.20
Boric Oxide ( $B_2O_3$ )	56.21 - 56.41
Solubility in water at 20 °C	27.16 g/L $B_2O_3$ 48.24 g/L BA MO-CQ
pH at 20°C	3.8

	EXPECTED (ppm)	MAXIMUM (ppm)
Sulphate ( $SO_4$ )	400	800
Chloride (Cl)	200	400
Iron (Fe)	4	10

#### GRANULOMETRY SPECIFICATION

A.S.T.M. Sieve N°	$\mu m$	Accumulative range (%)
120	125	20 - 50
200	75	50 - 90

#### BULK DENSITY

	$t/m^3$
Typical Range	0.70 - 0.85

#### PACKING

25 kg Polypropylene 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