

## Boric acid, For Molecular Biology

**MB007**

### Product Identifier

CAS No.	:	10043-35-3
EC No.	:	233-139-2
Molecular Formula	:	H <sub>3</sub> BO <sub>3</sub>
Molecular Weight	:	61.83
HS Code	:	2810 00 20
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white amorphous powder
Solubility	:	33.3 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Chloride (Cl)	:	<= 0.001%
Calcium (Ca)	:	<= 0.005%
Heavy metals (as Pb)	:	<= 0.001%
Iron (Fe)	:	<= 0.001%
Phosphate (PO <sub>4</sub> )	:	<= 0.001%
Sulfate (SO <sub>4</sub> )	:	<= 0.01%
Non-volatile with methanol	:	<= 0.05%
Insoluble in methanol	:	<= 0.005%
Assay (NaOH Titration)	:	>= 99.80%

### Safety Information

Hazard Pictogram(s) :



Signal Word	:	Danger
Hazard Statement(s)	:	H360FD
Precautionary Statement(s)	:	P201- P280- P308 + P313- P405- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	ED4550000
WGK	:	1