

Borax, For Molecular Biology

MB259

Product Identifier

CAS No.	:	1303-96-4
EC No.	:	215-540-4
Molecular Formula	:	Na ₂ B ₄ O ₇ ·10H ₂ O
Molecular Weight	:	381.37
HS Code	:	2840 20 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
pH (4% in water at 25°C)	:	9.00 - 9.60
Calcium (Ca)	:	<= 0.005%
Chloride (Cl)	:	<= 0.001%
Heavy metals (as Pb)	:	<= 0.001%
Iron (Fe)	:	<= 0.0005%
Phosphate (PO ₄)	:	<= 0.001%
Sulfate (SO ₄)	:	<= 0.005%
Water insoluble matter	:	<= 0.005%
Assay (NaOH Titration)	:	99.50 - 105.00%

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	:	VZ2275000
WGK	:	1