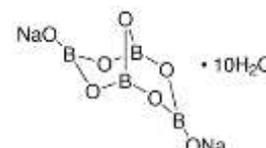


## BORAX DECAHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	917600
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1303-96-4)
ATOMIC OR MOLECULAR FORMULA	Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O
ATOMIC OR MOLECULAR WEIGHT	381.37
PROPERTIES	Hygroscopic and noncombustible.



PARAMETER	LIMIT
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Description	Colourless crystals or a white crystalline powder. Efflorescent in dry air.
Solubility	4% solution in hot water is clear and colourless.
Minimum Assay (Acidimetric)	99.5%
pH (4% in water at 25°C)	9.00 – 9.60

### MAXIMUM LIMIT OF IMPURITIES

Calcium (Ca)	0.005%
Chloride (Cl)	0.001%
Heavy metals (as Pb)	0.001
Iron (Fe)	0.0005%
Phosphate (PO <sub>4</sub> )	0.001%
Sulphate (SO <sub>4</sub> )	0.005%
Water insoluble matter	0.005%

**Note(s):** Assay (if applicable) method mentioned.

### WARNING

**Hazard statements:** May be harmful if swallowed. May damage fertility.

### Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell\*

IMDG Code :  
UN No. :  
IATA :

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS08

Replace Date 20-Mar-2026