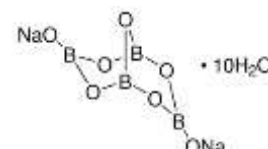


BORAX DECAHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	917600
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1303-96-4)
ATOMIC OR MOLECULAR FORMULA	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	381.37
PROPERTIES	Hygroscopic and noncombustible.



PARAMETER	LIMIT
Description	Colourless or white crystals or crystalline powder or solid
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 ₄)	0.001%
Sulphate (SO ₄)	0.005%
Water insoluble matter	0.005%

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

<p>WARNING</p> <p>Hazard statements: May be harmful if swallowed. May damage fertility.</p> <p>Precautionary statements</p> <p>Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.</p> <p>Response: If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell*</p>	<p>IMDG Code :</p> <p>UN No. :</p> <p>IATA :</p>
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Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS08

Replace date 03-May-2024