

280 – SODIUM TETRABORATE, (DECAHYDRATE) (BORAX), AR GRADE

REF NO: TBL/QA/SS/LC/280	STANDARD SPECIFICATION FOR SODIUM TETRABORATE,(DECAHYDRATE) (BORAX), AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 02/11/2024
Issue Date: 03/11/2021		Product code: 280

PRODUCT PROPERTIES

C.A.S Number	1303-96-4
Chemical Formula	Na ₂ B ₄ O ₇ .10H ₂ O
Formula weight	381.37
Functional Uses	NA
Standard Packaging	500 gm., 5 kg & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (4% solution in water)	9.0 – 9.6
Chloride (Cl)	NMT – 0.0005%
Phosphate (PO ₄)	NMT – 0.001%
Calcium (Ca)	NMT – 0.005%
Ammonium (NH ₄)	NMT – 0.001%
Sulphate (SO ₄)	NMT – 0.0025%
Heavy Metal (Pb)	NMT – 0.002%
Iron (Fe)	NMT – 0.0005%
Assay	NLT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

