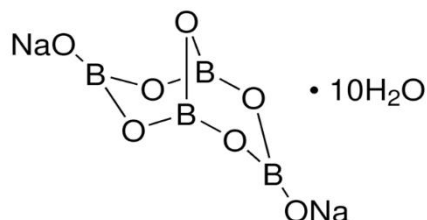


Product Specification

Product Name:

Sodium Tetraborate Decahydrate, ACS, PurReagent 99.5-105.0%

Product No.: PSR10349
Brand: PureSynth
CAS No.: 1303-96-4
Molecular Formula: $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
Molecular Weight: 381.37 g/mol



Test	Specification
Appearance	White powder or crystals
Assay (By Titration)	99.5 - 105.0 %
pH (5% at 20°C)	9.00 - 9.60
pH (0.01 m at 25°C)	9.15 - 9.20
Water Insoluble Matter	NMT 0.001%
Arsenic (As)	NMT 0.0001 %
Calcium (Ca)	NMT 0.005 %
Copper (Cu)	NMT 0.0005 %
Iron (Fe)	NMT 0.0005 %
Lead (Pb)	NMT 0.0005 %
Heavy metals (As Pb)	NMT 0.001 %
Chloride (Cl)	NMT 0.001 %
Phosphate (PO ₄)	NMT 0.001 %
Sulfate (SO ₄)	NMT 0.005 %
Meets ACS Requirements	Complies

Specification: PR-1.0-QA/363

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com