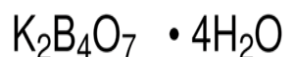


Product Specification

Product Name:

Potassium tetraborate tetrahydrate *PurReagent*, ≥ 99.5 %

Product No.: PSR44740
Brand: PureSynth
CAS No.: 12045-78-2
Molecular Formula: $K_2B_4O_7 \cdot 4H_2O$
Molecular Weight: 305.50 g/mol



Test	Specification
Appearance	White Powder
Solubility - Turbidity (200 mg/ml, in H ₂ O)	Clear to Slightly Hazy
Assay (By Titration)	≥ 99.5 %
Identification by IR	Conforms to structure
Iron (Fe)	NMT 0.002 %
Chloride (Cl)	NMT 0.002 %
Sulphate (SO ₄)	NMT 0.05 %
Heavy metals	NMT 0.002 %

Specification No.: PR-1.0-QA/044, Ver. No. 1.1, 10.08.2026.

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