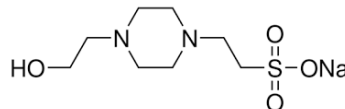


Product Specification

Product Name:

HEPES sodium salt, *PurReagent*, ≥99.0%

Product No.: PSR43301
Brand: PureSynth
CAS No.: 75277-39-3
Molecular Formula: C₈H₁₇N₂NaO₄S
Molecular Weight: 260.29 g/mol



Test	Specification
Appearance	White Powder
Assay (By Titration) (on anhydrous basis)	≥ 99.0 %
Water (By KF)	NMT 3.0 %
pH (1M H ₂ O)	10.0 – 12.0
Solubility (0.1M in H ₂ O)	Colorless Clear Solution
Absorbance at 260 nm	NMT 0.04
Absorbance at 280 nm	NMT 0.02
Impurities (Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	NMT 5.0 ppm
Identification by IR	Conforms to Structure

Specification: PR-1.0-QA/626 Version No.:1.1, 29.05.2026

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