

Product: Hepes, Sodium Salt
(N-[2-Hydroxyethyl]Piperazine-N¹- [2-Ethane Sulfonic Acid], Sodium Salt)
Catalog Number: 30550

Formula: C₈H₁₇N₂O₄S• Na
Formula Weight: 260.30
CAS Number: 75277-39-3

SPECIFICATION

<u>Test</u>	<u>Specification</u>
Appearance	white crystals or crystalline powder
Assay	NLT 99.5%
Absorbance (0.1M solution in H ₂ O)	
260 nm	NMT 0.04
280 nm	NMT 0.02
Loss On Drying (110°C)	NMT 3.0%
pH (1% solution in H ₂ O).....	10.0 to 11.0
pKa (20°C)	7.53 to 7.57
Heavy Metals (as Pb)	NMT 1ppm
Chloride (Cl).....	NMT 0.01%
Sulfate (SO ₄).....	NMT 0.05%

Additional Information

Storage Conditions 15°C to 30°C