

## Product Specification

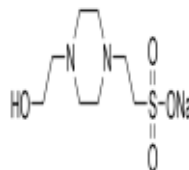
Product Name:  
HEPES sodium salt -

Product Number: RES6007H-A7

CAS Number: 75277-39-3

Formula: C<sub>8</sub>H<sub>17</sub>N<sub>2</sub>NaO<sub>4</sub>S

Formula Weight: 260.29 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Infrared Spectrum	Conforms to Reference
Solubility (Turbidity)	Clear
0.1M aqueous	
Solubility (Color)	Colorless
0.1M aqueous	
Solubility (Form)	Solution
0.1M aqueous	
Water (by Karl Fischer)	≤ 3.0 %
Titration with H <sub>2</sub> SO <sub>4</sub>	≥ 96.0 %
Cytotoxicity	Pass
DNase - Nickase	Pass
DNase-Endo/Exonuclease	Pass
RNAse Detection	Pass
pH	9.5 - 10.5
1.0% aqueous	
Endotoxin	≤ 50 EU/g
Yeast and Mold	≤ 100 CFU/g
Bioburden	≤ 100 CFU/g
Protease Detection	Pass
UV Absorbance 260nm	≤ 0.04 Abs UN
0.1M aqueous	
UV Absorbance 280nm	≤ 0.02 Abs UN
0.1M aqueous	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.



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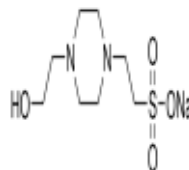
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Specification: PRD.1.ZQ5.1000051271

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