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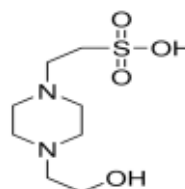
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## Product Specification

Product Name:  
HEPES - ≥99.5% (titration)

**Product Number:** H3375  
**CAS Number:** 7365-45-9  
**MDL:** MFCD00006158  
**Formula:** C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S  
**Formula Weight:** 238.30 g/mol



### TEST

### Specification

Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
500 mg/ml, H <sub>2</sub> O	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 0.1 %
A290 UV absorbance	≤ 0.05
33% W/W	
ICP-MS	≤ 5 ppm
(Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	
Titration with NaOH	≥ 99.5 %
Anhydrous	
Recommended Retest Period	-----
4 years	

Specification: PRD.9.ZQ5.10000003193

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.