

3050 Spruce Street, Saint Louis, MO 63103, USA

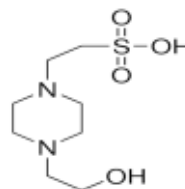
Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
HEPES - anhydrous, free-flowing, Redi-Dri™, ≥99.5%

Product Number: **RDD002**  
CAS Number: 7365-45-9

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

Specification: PRD.7.ZQ5.10000045141

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.