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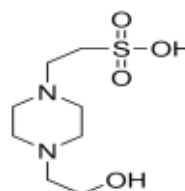
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
HEPES - BioXtra, suitable for mouse embryo cell culture, ≥99.5% (titration)

Product Number: **H6147**
CAS Number: 7365-45-9
MDL: MFCD00006158
Formula: C₈H₁₈N₂O₄S
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 ₂ 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	
Embryo Test	≥ 80 %
Single cell embryo reach blastocyte stage	
Recommended Retest Period	-----
4 years	

Specification: PRD.3.ZQ5.10000005723

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. 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.