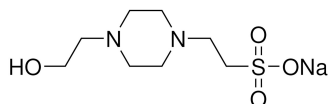


Product Specification

Product Name :	HEPES sodium salt BioPerformance Certified, suitable for cell culture, ≥99.0%
Product Number:	H3784
CAS Number:	75277-39-3
MDL Number :	MFCD00036463
Molecular Formula:	C ₈ H ₁₇ N ₂ NaO ₄ S
Formula Weight:	260.29 g/mol



Test	Specification
ICP-MS (Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	≤ 5ppm
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity) at 0.1 M in H ₂ O	Clear
Appearance Form	Lyophilized, Spray Dried or Crystallized
Infrared Spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 3.0%
UV Absorbance 260nm c = 0.1 M	≤ 0.04
UV Absorbance 280nm c = 0.1 M	≤ 0.02
Iron (Fe)	≤ 5ppm
pH 1M H ₂ O	10 - 12 ppm
DNase, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
RNase Detection	None Detected

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.

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Product Name: HEPES SÓDICO PARA BIOTECNOLOGIA

Product Number: H3784-BULK

Test	Specification
Protease Detection	None Detected
Endotoxin Level	≤ 0.1EU/mg
Total Aerobic Microbial Count	≤ 100CFU/g
Cell Culture Test	Pass
Titration by H2SO4 (anhydrous)	≥ 99.0%
Expiration Dated Product	-----

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Version Number: PRP.00.ZQ5.1121201

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For further information please contact mlsbranding@sial.com

