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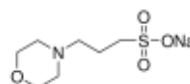
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Product Specification

Product Name:
MOPS sodium salt – BioPerformance Certified, suitable for cell culture, ≥99.5%

Product Number: M9024
CAS Number: 71119-22-7
MDL: MFCD00064350
Formula: C7H14NNaO4S
Formula Weight: 231.25 g/mol



TEST	Specification
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 5 %
A290 UV absorbance	≤ 0.05
33% W/W	
Titration with H2SO4	≥ 99.5 %
Anhydrous	
ICP-MS	≤ 5 ppm
(Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
25G plus 50 mL, H2O	
DNAse, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
RNAse Detection	None Detected
Protease Detection	None Detected
Endotoxin Level	≤ 0.1 EU/mg
Total Aerobic Microbial Count	< 100 CFU/g
Cell Culture Test	Pass
Recommended Retest Period	-----
2 years	

Specification: PRD.7.ZQ5.10000006849

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.