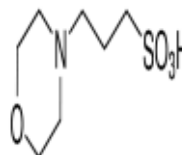


Product Specification

Product Name:
MOPS -

Product Number: PHG0007
CAS Number: 1132-61-2
Formula: C₇H₁₅NO₄S
Formula Weight: 209.26 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 M in H ₂ O	
Infrared spectrum	Conforms to Structure
pH	2.5 - 4.0
1 M in H ₂ O	
Residue on ignition (Ash)	≤ 0.1 %
Insoluble Matter	Pass
Passes filter test	
UV Absorbance 260nm	≤ 0.02
1.0 M in H ₂ O	
UV Absorbance 280nm	≤ 0.015
1.0 M in H ₂ O	
Recommended Retest Period	-----
2 years	
Water (by Karl Fischer)	≤ 1 %
Assay	≥ 99.5 %
(anhydrous basis)	
Aluminum (Al)	≤ 5.0 ppm
Bismuth (Bi)	≤ 5.0 ppm
Lead (Pb)	≤ 5.0 ppm
Barium (Ba)	≤ 5.0 ppm
Cadmium (Cd)	≤ 5.0 ppm

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.



Product Specification

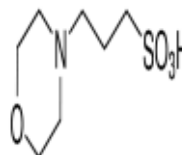
Product Name:
MOPS -

Product Number: **PHG0007**

CAS Number: 1132-61-2

Formula: C₇H₁₅NO₄S

Formula Weight: 209.26 g/mol



TEST	Specification
Copper (Cu)	≤ 5.0 ppm
Zinc (Zn)	≤ 5.0 ppm
Cobalt (Co)	≤ 5.0 ppm
Potassium (K)	≤ 50 ppm
Sodium (Na)	≤ 50 ppm
Calcium (Ca)	≤ 10.0 ppm
Chromium (Cr)	≤ 5.0 ppm
Magnesium (Mg)	≤ 5.0 ppm
Manganese (Mn)	≤ 5.0 ppm
Iron (Fe)	≤ 5.0 ppm
Lithium (Li)	≤ 5.0 ppm
Molybdenum (Mo)	≤ 5.0 ppm
Nickel (Ni)	≤ 5.0 ppm
DNAse, Exonuclease Detection	Pass
NICKase, Endonuclease Detection	Pass
RNAse Detection	Pass
Protease Detection	Pass
Endotoxin	≤ 100 EU/g
Total Aerobic Microbial Count	≤ 100 CFU/g
Total Yeast and Mold	< 100 CFU/g
Cytotoxicity	Pass

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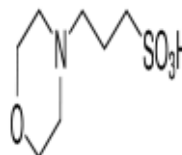
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
MOPS -

Product Number: **PHG0007**
CAS Number: 1132-61-2
Formula: C₇H₁₅NO₄S
Formula Weight: 209.26 g/mol



TEST	Specification
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Specification: PRD.1.ZQ5.10000042266

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