

100 Majestic Way, Bangor, PA 18013 / www.biospectra.us

Effective Date:	10-Jun-2022	10-Jun-2025	: Date of Next Review
Prepared By:	Brett Brink	BSI-COA-0052 v.4.1	: Supersedes
QA/QC Approval:	Jaron Hughes	Carissa McCollian	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS

MOPS

BIO ULTRA GRADE / MOPS-5220-51

LOT: MOPS-0222-00135

$C_7H_{15}NO_4S$ * F.W. 209.26 g/mol. * CAS#: 1132-61-2

Manufacturing/Packaging Date: 05/27/22 Retest Date: 05/31/24

Packaging Site: 1474 Rockdale Lane, Stroudsburg, PA 18360

ANALYSIS	SPECIFICATION	TEST RESULT
Absorbance	260 nm	0.030 a.u. max.
Appearance and Color	White / Crystals	0.001 a.u.
Assay	99.0% min.	White / Crystals
Identification (IR)	Passes Test	100.2%
pH (1% solution)	2.5-4.5	Passes Test
Solubility (5% solution)	Passes Test	4.2
		Passes Test

TEST METHOD REFERENCE: DCN: BSI-ATM-0008

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a process chemical. The material represented by this Certificate of Analysis is not suitable to be used as an Excipient, Active Pharmaceutical Ingredient, Drug, Drug Product or Household Item.

Prepared by: [Signature] Date: 6/15/22 Job Title: QA Supervisor

Reviewed by: H. Kuchmas Date: 6/15/22 Job Title: QA Manager