

BIOBUFFER SOLUTIONS

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

Effective Date:	23-Jun-2025	23-Jun-2028	: Date of Next Review
Prepared By:	Taylor Yurick	BSI-COA-0055 v.6.3	: Supersedes
QA/QC Approval:	Jessica DeMaio	Hannah Kuchmas	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS
MES MONOHYDRATE
BIO ULTRA GRADE / MESM-5201-26
LOT: MESM-L03-0226-0020
 $C_6H_{13}NO_4S \cdot H_2O$ ^ F.W. 213.3 ^ CAS#: 145224-94-8
 Manufacturing Date: 02/18/26 Retest Date: 02/29/28
 Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	White / Crystals	White / Crystals
Assay	98.0% min.	100.1%
Enzymes	DNase	None Detected
	RNase	None Detected
	Protease	None Detected
Identification (IR)	Passes Test	Passes Test
LOD	7 – 10%	8%
Trace Elements	Lead (Pb)	< 0.0002%
	Iron (Fe)	< 0.00003

TEST METHOD REFERENCE: DCN: BSI-ATM-0009

MANUFACTURING DATE: The manufacturing date is representative of the final packaging date at BioSpectra.

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: David McCall Date: 2/27/26 Job Title: QA Tech III
 Reviewed by: Joan Bingham Date: 2/27/26 Job Title: QA Supervisor