

BIOSPECTRA SOLUTIONS

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

Effective Date:	24-Jun-2025	24-Jun-2028	: Date of Next Review
Prepared By:	Taylor Yurick	BSI-COA-0059 v.8.3	: Supersedes
QA/QC Approval:	Jessica DeMaio	Hannah Kuchmas	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS

MES SODIUM SALT

BIO ULTRA GRADE / MESN-5220-26

LOT: MESN-L03-0326-0001

$C_6H_{12}NO_4S \cdot Na$ * F.W. 217.22 g/mol. * CAS# 71119-23-8

Manufacturing Date: 03/23/26 Retest Date: 08/31/27

Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	White Crystalline Powder	White Crystalline Powder
Assay (dried basis)	≥ 98.0%	100.2%
Color (1M, alkaline)	Colorless	Colorless
Identification (IR)	Conforms to Reference	Conforms to Reference
pH (1.0% Soln)	8.9 – 10.1	9.8
PVS Content	≤ 1 ppm	< 1 ppm
Solubility (5% Soln)	Passes Test	Passes Test
Water (Karl Fischer)	≤ 10.0%	1.1 %

TEST METHOD REFERENCE: DCN: BSI-ATM-0004

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: Shirley McCall Date: 4/19/26 Job Title: QA Tech III

Reviewed by: Joan English Date: 4/19/26 Job Title: QA Supervisor