

BI₀BUFFER SOLUTIONS

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

Effective Date:	20-Aug-2024	20-Aug-2027	: Date of Next Review
Prepared By:	Carissa Albert	BSI-COA-0059 v.8.0	: Supersedes
QA/QC Approval:	Jaron Hughes	Wayne Talamonti	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS

MES SODIUM SALT

BIO ULTRA GRADE / MESN-5220-26

LOT: MESN-L02-1024-0001

$C_6H_{12}NO_4S \cdot Na$ * F.W. 217.22 g/mol. * CAS# 71119-23-8
 Manufacturing/Packaging Date: 10/04/24 Expiration Date: 07/23/26
 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	9.9
PVS Content	≤ 1 ppm	< 1 ppm
Solubility (5% Soln)	Passes Test	Passes Test
Water (Karl Fischer)	≤ 10.0%	7.0 %

TEST METHOD REFERENCE: DCN: BSI-ATM-0004

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: Amil McCall Date: 10/11/24 Job Title: QA Tech 1

Reviewed by: Jaron Hughes Date: 10/11/24 Job Title: QA Supervisor

