

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

Effective Date:	25-June-2020	25-June-2023	: Date of Next Review
Prepared By:	Amy Hosein	16-001243 v.6.0	: Supersedes
QA/QC Approval:	Carissa McCollian	Wendy Santay	: Management Approval
Reason for Revision:	See Revision History in ensur.		

CERTIFICATE OF ANALYSIS
MES SODIUM SALT
BIO ULTRA GRADE / MN5220-K050
LOT: MN5220-003-0620

C₆H₁₂NO₄S·Na ▲ F.W. 217.22 g/mol. ▲ CAS# 71119-23-8
 Manufacturing/Packaging Date: 06/02/20 Retest Date: 05/31/22
 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%	99.6%
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%	8.3 %

COUNTRY OF ORIGIN: ChinaTEST METHOD REFERENCE: DCN: 16-000047

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: Wendy Santay Date: 06/25/20 Job Title: QA Manager

Reviewed by: Carissa McCollian Date: 6/25/20 Job Title: QA Supervisor