

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-17 11:10:58

Date of Next Testing: 2029-06-16 11:10:58

Product Name: **MES sodium salt**

CAS Number: 71119-23-8

Specifications & Purity: $\geq 99\%$

Lot #: F2509069

SKU #: **M105136**

Version: **0**

Analysis #: **083081**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	32.3-33.6 (%)	33.33000 %
Heavy metal (as Pb)	0-5 (ppm)	3.00000 ppm
Purity (Titration by H ₂ SO ₄) (anhydrous)	99-100 (%)	99.35000 %
Nitrogen by Elemental Analysis	5.9-6.9 (%)	6.16000 %
Water by Karl Fischer	0-8 (%)	4.00000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear(500mg/ml)	pass	Pass
Appearance (M105136)	white powder or crystal or particles	white powder or crystal or particles



John Su
QA & QC Manager