

Certificate of Analysis

Date of Testing: 2025-08-29 10:10:30
Date of Next Testing: 2029-08-28 10:10:30
Product Name: **MES sodium salt**
CAS Number: 71119-23-8
Specifications & Purity: $\geq 99\%$
Lot #: H2522087
SKU #: **M105136**
Version: **0**
Analysis #: **496518**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	32.3-33.6 (%)	33.19%
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Nitrogen by Elemental Analysis	5.9-6.9 (%)	6.43%
Water by Karl Fischer	0-8 (%)	0.19%
Purity (Titration by H ₂ SO ₄) (anhydrous)	99-100 (%)	99.06%
Appearance (M105136)	white powder or crystal or particles	white powder or crystal or particles
Solubility in H ₂ O , Colorless and clear(500mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager