

Certificate of Analysis

Date of Testing: 2025-04-29 09:24:27

Date of Next Testing: 2029-04-28 09:24:27

Product Name: **MES sodium salt**

CAS Number: 71119-23-8

Specifications & Purity: $\geq 99\%$

Lot #: D2523181

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