

Certificate of Analysis

Date of Testing: 2024-09-26 10:23:47

Date of Next Testing: 2028-09-25 10:23:47

Product Name: **MES sodium salt**

CAS Number: 71119-23-8

Specifications & Purity: 99%

Lot #: I2419570

SKU # **M105136**

Version **0**

Analysis #: **406016**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	32.3-33.6 (%)	32.72 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Nitrogen by Elemental Analysis	5.9-6.9 (%)	6.38 %
Water by Karl Fischer	0-8 (%)	0.79 %
Purity (Titration by H ₂ SO ₄) (anhydrous)	99-100 (%)	99.82 %
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