

Certificate of Analysis

Date of Testing: 2024-10-12 10:27:52

Date of Next Testing: 2028-10-11 10:27:52

Product Name: **MES sodium salt**

CAS Number: 71119-23-8

Specifications & Purity: 99%

Lot #: A2107251

SKU #: **M105136**

Version: **0**

Analysis #: **418121**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis	32.3-33.6 (%)	32.60 %
Heavy metal (as Pb)	0-5 (ppm)	2.60 ppm
Purity (Titration by H ₂ SO ₄) (anhydrous)	99-100 (%)	99.20 %
Nitrogen by Elemental Analysis	5.9-6.9 (%)	6.10 %
Water by Karl Fischer	0-8 (%)	1.25 %
Appearance (M105136)	white powder or crystal or particles	white powder or crystal or particles
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless and clear(500mg/ml)	pass	Pass



John Su
QA & QC Manager