

Certificate of Analysis

Date of Testing: 2022-05-09 19:31:10
Date of Next Testing: 2026-05-08 19:31:10
Product Name: **MES sodium salt**
CAS Number: 71119-23-8
Specifications & Purity: 99%
Lot #: E2207132
SKU #: **M105136**
Analysis: 083081
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	32.3-33.6 (%)	33.33%
Heavy metal (as Pb)	0-5 (ppm)	3.00 ppm
Purity (Titration by H ₂ SO ₄) (anhydrous)	99-100 (%)	99.35%
Nitrogen by Elemental Analysis	5.9-6.9 (%)	6.16%
Water by Karl Fischer	0-8 (%)	4.00%
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