

Certificate of Analysis

Date of Testing: 2022-06-14 15:06:38
Date of Next Testing: 2026-06-13 15:06:38
Product Name: **MES hemisodium salt**
CAS Number: 117961-21-4
Specifications & Purity: $\geq 98\%$
Lot #: H1412421
SKU #: **M113010**
Analysis: **099396**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	4.21 %
Purity (Titration by H ₂ SO ₄) (anhydrous)	98-100 (%)	99.67 %
Heavy metal (as Pb)	0-5 (ppm)	3.21 ppm
UV Absorbance 290nm(33%,H ₂ O)	0-0.1	0.04
Appearance (M113010)	white crystalline powder	white crystalline powder
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