

Certificate of Analysis

Date of Testing: 2025-05-07 15:59:37

Date of Next Testing: 2029-05-06 15:59:37

Product Name: **MOPS sodium salt**

CAS Number: 71119-22-7

Specifications & Purity: $\geq 99.5\%$ (T)

Lot #: D2530199

SKU #: **M100335**

Version: **3**

Analysis #: **502746**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	0.74 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
A280(0.1M,H ₂ O)	0-0.03	0.01
A260(0.1M,H ₂ O)	0-0.05	0.01
Purity (Titration by H ₂ SO ₄) (anhydrous)	99.5-100.5 (%)	100.48 %
Appearance (M100335)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless,Clear,33% W/W	pass	Pass



John Su
QA & QC Manager