

Certificate of Analysis

Date of Testing: 2024-09-26 11:45:35

Date of Next Testing: 2028-09-25 11:45:35

Product Name: **MOPS hemisodium salt**

CAS Number: 117961-20-3

Specifications & Purity: $\geq 99\%$ (titration)

Lot #: I2420694

SKU #: **M113015**

Version: **0**

Analysis #: **405406**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 290nm(33%,H ₂ O)	0-0.05	0.04
Water by Karl Fischer	0-4 (%)	0.26 %
Heavy metal (as Pb)	0-5 (ppm)	0.03 ppm
Purity (Titration by H ₂ SO ₄)	99-100 (%)	99.05 %
Appearance (M113015)	white crystalline powder	white crystalline powder
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