

Certificate of Analysis

Date of Testing: 2023-04-21 19:18:05
Date of Next Testing: 2027-04-20 19:18:05
Product Name: **3-(N-Morpholino)-2-hydroxy-1-propanesulfonic acid**
CAS Number: 68399-77-9
Specifications & Purity: 99%
Lot #: D2319398
SKU #: **M113008**
Analysis: **054660**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Absorbance(1mol/L,H ₂ O,260nm)	0-0.15	0.07
Iron(Fe)	0-5 (ppm)	0.61 ppm
Water by Karl Fischer	0-0.5 (%)	0.26 %
Purity(Neutralization titration)	99-101 (%)	100.98 %
Appearance (M113008)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless,Clear,10 g plus 30 ml	pass	Pass



John Su
QA & QC Manager