

Certificate of Analysis

Date of Testing: 2024-08-07 10:24:48

Date of Next Testing: 2027-08-07 10:24:48

Product Name: **MOPS solution**

CAS Number: 1132-61-2

Specifications & Purity: BioPerformance Certified, 1M, suitable for cell culture

Lot #: G2430180

SKU #: **M478511**

Version: **1**

Analysis #: **345358**

Parameter	Limit Values	Result
Concentration	0.90 - 1.10(mol/L)	1.06000 mol/L
Iron(Fe)	0-5 (ppm)	0.36 ppm
Endotoxin Level	≤ 1.0 (EU/ml)	1.00000 EU/ml
Bioburden	≤ 16 (cfu/ml)	1.00000 cfu/ml
Heavy metals(as Pb)	0-5 (ppm)	0.28 ppm
Appearance(M478511)	Colorless Clear Solution	Colorless Clear solution
DNAse, Exonuclease Detection	None Detected	none detected
NICKase,Endonuclease Detection	None Detected	none detected
RNAse Detection	None Detected	none detected
Protease Detection	None Detected	none detected
Cell Culture Test	pass	Pass



John Su
QA & QC Manager