



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-22 11:50:40

Date of Next Testing: 2028-05-21 11:50:40

Product Name: **MES solution**

CAS Number: 4432-31-9

Specifications & Purity: BioReagent, for cell culture, 1M

Lot #: E2515441

SKU #: **M485229**

Version: **1**

Analysis #: **504828**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Endotoxin Level	0-1 (EU/ml)	0.00000 EU/ml
Total Aerobic Microbial Count	0-16 (cfu/ml)	1.00000 cfu/ml
Concentration	0.90-1.10(mol/L)	0.92000 mol/L
Iron(Fe)	0-5 (ppm)	5.00000 ppm
Lead(Pb)	0-5 (ppm)	5.00000 ppm
pH	2.5-4	3.00000
Appearance(M485229)	Clear colorless solution	clear colorless 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 Toxicity Assay	Pass	Pass

John Su
QA & QC Manager