

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-29 13:45:55
 Date of Next Testing: 2029-07-28 13:45:55
 Product Name: **MES sodium salt(MES-Na)**
 CAS Number: 71119-23-8
 Specifications & Purity: for cell culture, CellGuard Certified
 Lot #: G2628369
 SKU #: **M755914**
 Version: **1**
 Analysis #: **742027**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Endotoxin Level	0-0.1 (EU/mg)	0.04710 EU/mg
ICP-MS(Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	0-5 (ppm)	0.00490 ppm
UV Absorbance 260nm(10 % in H2O)	0-0.05	0.04100
UV Absorbance 280nm(10 % in H2O)	0-0.03	0.02700
pH(c=1%, H2O)	8.9-10.1	8.90000
Total Aerobic Microbial Count	0-100 (cfu/g)	100.00000 cfu/g
Appearance(M755914)	White powder or crystal or particles	white powder or crystal or particles
Solubility(Colorless, Clear 10% in H2O)	Passes test	Passes test
Cell Culture Test	pass	Pass
DNase, Exonuclease Detection	None Detected	none detected
NICKase, Endonuclease Detection	None Detected	none detected
Protease Detection	None Detected	none detected
RNases(not detectable)	passes test	Passes test



John Su
QA & QC Manager