

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-21 13:35:36
 Date of Next Testing: 2029-01-20 13:35:36
 Product Name: **MOPS**
 CAS Number: 1132-61-2
 Specifications & Purity: CellGuard Certified, for cell culture, ≥99.5%(T)
 Lot #: A2620607
 SKU #: **M755916**
 Version: **1**
 Analysis #: **637949**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
ICP-MS(Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	0-5 (ppm)	0.00050 ppm
Water by Karl Fischer	0-0.1 (%)	0.08770 %
UV Absorbance 290nm(33% W/W)	0-0.05	0.02400
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Endotoxin Level	0-0.1 (EU/mg)	0.01690 EU/mg
Assay(Titration by NaOH , dry base)	99.5-100.5 (%)	100.38000 %
Total Aerobic Microbial Count	0-100 (cfu/g)	80.00000 cfu/g
Appearance(M755916)	White Crystalline Powder	white crystalline powder
Solubility(25g in 50mL,H2O),Clear Colorless	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager