

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **MOPS**
Specifications & Purity: CellGuard Certified, for cell culture, ≥99.5%(T)
SKU #: **M755916**

Parameter	Limit Values
ICP-MS(Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	0-5 (ppm)
Appearance(M755916)	White Crystalline Powder
Solubility(25g in 50mL,H2O),Clear Colorless	Pass
Water by Karl Fischer	0-0.1 (%)
UV Absorbance 290nm(33% W/W)	0-0.05
Proton NMR spectrum	Conforms to Structure
Assay(Titration by NaOH , dry base)	99.5-100.5 (%)
Iron(Fe)	0-5 (ppm)
DNase, Exonuclease Detection	None Detected
NICKase,Endonuclease Detection	none Detected
RNase Detection	None Detected
Protease Detection	None Detected
Endotoxin Level	0-0.1 (EU/mg)
Total Aerobic Microbial Count	0-100 (cfu/g)
Cell Culture Test	pass