

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

### Certificate of Analysis

Date of Testing: 2025-08-05 13:16:48  
Date of Next Testing: 2029-08-04 13:16:48  
Product Name: **MES monohydrate**  
CAS Number: 145224-94-8  
Specifications & Purity: Ultra pure  
Lot #: I2126388  
SKU #: **M274288**  
Version: **1**  
Analysis #: **546141**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
A260nm(1M in water)	0-0.02	0.01050
A280nm (1M in water)	0-0.02	0.00125
Water by Karl Fischer	0-10 (%)	9.01370 %
Purity (Dry Basis,Titration)	99-102.5 (%)	100.23000 %
DNase Detection	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
Solubility (1M, Water)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager