

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-17 17:09:39

Date of Next Testing: 2029-10-16 17:09:39

Product Name: **HEPES sodium salt**

CAS Number: 75277-39-3

Specifications & Purity: $\geq 99.5\%$ (T)

Lot #: A2207670

SKU #: **H100305**

Version: **2**

Analysis #: **588189**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
UV Absorbance 260nm(c = 1 M)	0-0.4	0.00670
UV Absorbance 280nm(c = 1 M)	0-0.2	0.00000
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Purity (Titration by H ₂ SO ₄)	99.5-100.5 (%)	99.50000 %
Water by Karl Fischer	0-3 (%)	1.20200 %
PH(1M Water)	10-12	10.00000
Appearance (H100305)	White powder	White powder
Solubility in H ₂ O , Colorless and clear(500mg/ml)	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager