

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-24 15:47:41
 Date of Next Testing: 2028-05-23 15:47:41
 Product Name: **HEPES buffer solution**
 CAS Number: 7365-45-9
 Specifications & Purity: 1 M in H₂O
 Lot #: E2522355
 SKU #: **H433402**
 Version: **2**
 Analysis #: **513331**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Density(D20/4°C)	1.071-1.075	1.07300
Refractive index n ₂₀ /D	1.370-1.372	1.37100
PH(Neat at 25°C)	5.0-6.0	5.40000
Concentration	0.9-1.1 (mol/L)	1.00000 mol/L
Appearance(H433402)	Colorless Liquid	Colorless liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
extraneous Activities DNAses, RNAses, Proteases, Phosphatases Not Detectable	Pass	Pass
Residue (filter test)	no residue	no residue



John Su
QA & QC Manager