

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-22 13:08:48
 Date of Next Testing: 2029-07-21 13:08:48
 Product Name: **HEPES sodium salt**
 CAS Number: 75277-39-3
 Specifications & Purity: $\geq 99\%$ (T)
 Lot #: G2516430
 SKU #: **H100304**
 Version: **1**
 Analysis #: **546887**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	3.00000 ppm
Purity (Titration by H ₂ SO ₄) (anhydrous)	99-100 (%)	99.51000 %
Water by Karl Fischer	0-7 (%)	2.16360 %
UV Absorbance 260nm(c = 1 M)	0-0.4	0.29000
UV Absorbance 280nm(c = 1 M)	0-0.2	0.20000
Appearance (H100304)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Very Faint Yellow, Clear, at 500 mg/ml pass		Pass



John Su
 QA & QC Manager