

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-28 13:18:10  
Date of Next Testing: 2029-08-27 13:18:10  
Product Name: **L-Noradrenaline**  
CAS Number: 51-41-2  
Specifications & Purity: Moligand™, ≥98%  
Lot #: H2519366  
SKU #: **N109573**  
Version: **0**  
Analysis #: **549593**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.77400 %
Specific Rotation [α] <sub>20</sub> /D(c=5 in 1 M HCl)	-48--42 (°)	-47.92600 °
Appearance (N109573)	White to Light Brown Powder, Crystals, Solid, Chunks	White to Light Brown Powder, Crystals, Solid, Chunks
Solubility in 0.5 M HCl, Colorless to Light Yellowpass Clear to Hazy(50mg/ml)		Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager