

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-28 11:16:20
 Date of Next Testing: 2029-08-27 11:16:20
 Product Name: **L-Noradrenaline**
 CAS Number: 51-41-2
 Specifications & Purity: Moligand™, ≥98%
 Lot #: H2519364
 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] ₂₀ /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