

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-19 17:19:53
Date of Next Testing: 2027-10-18 17:19:53
Product Name: **L-Noradrenaline**
CAS Number: 51-41-2
Specifications & Purity: 98%
Lot #: J2317060
SKU #: **N109573**
Analysis: 092171
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74100 %
Specific Rotation [α] ₂₀ /D(c=5 in 1 M HCl)	-48--42 (°)	-43.27°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.5 M HCl , Colorless to Light Yellowpass Clear to Hazy(50mg/ml)		Pass
Appearance (N109573)	White to Light Brown Powder,Crystals,Solid ,Chunks	White to Light Brown Powder,Crystals,Solid ,Chunks



John Su
QA & QC Manager