

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-21 16:50:29
 Date of Next Testing: 2028-12-20 16:50:29
 Product Name: **L-Noradrenaline**
 CAS Number: 51-41-2
 Specifications & Purity: Moligand™, ≥98%
 Lot #: L2418457
 SKU #: **N109573**
 Version: **0**
 Analysis #: **409704**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.24200 %
Specific Rotation [α] _{20/D} (c=5 in 1 M HCl)	-48--42 (°)	-42.71800 °
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