

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-06 11:20:53

Date of Next Testing: 2026-11-05 11:20:53

Product Name: **L-Norepinephrine hydrochloride**

CAS Number: 329-56-6

Specifications & Purity: 98%

Lot #: K2302091

SKU #: **L335487**

Analysis: **287130**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.66 %
Specific Rotation [α] ₂₀ /D(c=2 H ₂ O)	-47~-43 (°)	-43.10 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager