

Certificate of Analysis

Date of Testing: 2024-10-29 13:35:30

Date of Next Testing: 2027-10-29 13:35:30

Product Name: **L-Norepinephrine hydrochloride**

CAS Number: 329-56-6

Specifications & Purity: $\geq 98\%$

Lot #: J2422492

SKU #: **L335487**

Version: **1**

Analysis #: **417495**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.87%
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ H}_2\text{O})$	-47~-43 (°)	-43.10°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager