

## Certificate of Analysis

Date of Testing: 2023-11-06 12:10:34

Date of Next Testing: 2026-11-05 12:10:34

Product Name: **L-Norepinephrine hydrochloride**

CAS Number: 329-56-6

Specifications & Purity: 98%

Lot #: K2302090

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] <sub>20</sub> /D(c=2 H <sub>2</sub> 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