

Certificate of Analysis

Date of Testing: 2025-01-09 14:09:19

Date of Next Testing: 2027-01-09 14:09:19

Product Name: **DL-Norepinephrine Hydrochloride**

CAS Number: 55-27-6

Specifications & Purity: $\geq 97\%$

Lot #: A2508043

SKU #: **D134211**

Version: **0**

Analysis #: **218221**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	6.5-7.1 (%)	6.87 %
Water by Karl Fischer	0-4.2 (%)	0.30 %
Carbon by Elemental Analysis	45.6-47.9 (%)	46.47 %
Purity(HPLC)	97-100 (%)	99.97000 %
Appearance (D134211)	Off-white to tan crystals,powder or chunks	Off-white to tan crystals,powder or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Faint Yellow to Yellow-Brown,Clearpass to Hazy,50mg/ml		Pass



John Su
QA & QC Manager