

Certificate of Analysis

Date of Testing: 2023-12-27 15:42:09

Date of Next Testing: 2027-12-26 15:42:09

Product Name: **(R)-(-)-Phenylephrine hydrochloride**

CAS Number: 61-76-7

Specifications & Purity: 99%

Lot #: L2318076

SKU #: **P106007**

Analysis: 032783

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO4)	99-101 (%)	100.00 %
Purity(HPLC)	99-100 (%)	99.67900 %
Melting point	142-145 (°C)	143.71000 °C
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-47--44 (°)	-45.73 °
Appearance (P106007)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless to faint yellow clear solution (50 mg/ml)	pass	Pass



John Su
QA & QC Manager