

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-19 19:00:02  
Date of Next Testing: 2026-10-18 19:00:02  
Product Name: **(R)-(-)-Phenylephrine hydrochloride**  
CAS Number: 61-76-7  
Specifications & Purity: 99%  
Lot #: J2218287  
SKU #: **P106007**  
**Analysis: 120625**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	99.80 %
Melting point	142-145 (°C)	142.80000 °C
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	-47--44 (°)	-45.13°
Purity(HPLC)	99-100 (%)	99.15700 %
Appearance (P106007)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager