

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-11 14:39:54

Date of Next Testing: 2025-07-10 14:39:54

Product Name: **4-Nitro-L-phenylalanine Methyl Ester Hydrochloride**

CAS Number: 17193-40-7

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: H1930151

SKU #: **N136110**

Version: **0**

Analysis #: **111413**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.34200 %
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.60000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	7-10 (°)	8.50000 °
Appearance (N136110)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager