

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 09:15:37

Date of Next Testing: 2029-04-22 09:15:37

Product Name: **Tyr-Phe**

CAS Number: 17355-11-2

Specifications & Purity: $\geq 98\%$

Lot #: D2515033

SKU # **T121399**

Version **1**

Analysis #: **028307**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.12300 %
Specific Rotation $[\alpha]_{24/D}(c=0.3 \text{ in } 1\text{M HCL})$	15.7-19.7 (°)	18.33700 °
Carbon by Elemental Analysis(Dry base)	64.2-67.5 (%)	64.93000 %
Nitrogen by Elemental Analysis(Dry base)	8.2-8.8 (%)	8.21000 %
Appearance (T121399)	White powder	White powder
Solubility in AcOH , colorless to faint yellow clear to hazy(25mg/1ml)	colorless to faint yellow Clear to hazy(25mg/1ml)	colorless to faint yellow Clear to hazy(25mg/1ml)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager