

Certificate of Analysis

Date of Testing: 2023-07-05 11:12:40
Date of Next Testing: 2026-07-04 11:12:40
Product Name: **4-Azido-L-phenylalanine**
CAS Number: 33173-53-4
Specifications & Purity: $\geq 98\%$
Lot #: F23251178
SKU #: **A464775**
Version: **2**
Analysis #: **231537**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.16700%
Specific rotation $[\alpha]_{20}^D(\text{C}=1, \text{CH}_3\text{COOH})$	$-11 \sim -7$ ($^{\circ}$)	-7.49100°
Appearance(A464775)	White to Brown powder to crystal	White to Brown powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager