

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-27 11:49:20

Date of Next Testing: 2028-10-26 11:49:20

Product Name: **L-Glutamine-¹³C₅**

CAS Number: 184161-19-1

Specifications & Purity: ≥ 98 atom% ¹³C, $\geq 95\%$

Lot #: J2523132

SKU #: **B72847**

Version: **0**

Analysis #: **596322**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Isotopic purity(¹³ C)	98-100 (atom%)	99.00 atom%
Water by Karl Fischer	0-0.5 (%)	0.28 %
Chemical Purity	95-100 (%)	99.20000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Appearance(B72847)	White to Off-White Solid	White to off-white solid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

