



# 西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

## Certificate of Analysis-Fmoc-Ala

CAS 35661-39-3

Batch Number: *FTF20260317* Batch Quantity: 350kg

Manufacture Date: Mar.15<sup>th</sup>,2026 Analysis Date: Mar.16<sup>th</sup>,2026 Certificate Date: Mar.17<sup>th</sup>,2026

**Storage** Store in cool & dry place. Store in well-closed containers.

**Shelf life** 3 years when properly stored.

Test Item	Specification	Test Result
Appearance	White to off-white crystalline powder	White crystalline powder
Purity (HPLC)	≥98.0%	99.21%
Specific Rotation $[\alpha]_{20}/D$ (c=1, DMF)	-16.0° ~ -20.0°	-18.3°
Melting Point	147°C ~ 154°C	149°C ~ 152°C
Water Content (Karl Fischer)	≤0.5%	0.22%
Residue on Ignition	≤0.1%	0.05%
Single Impurity (HPLC)	≤0.5%	0.18%
Total Impurities (HPLC)	≤1.0%	0.79%
Solubility (DMF/DCM)	Clear and transparent solution	Complies

**Conclusion:** Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

