



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

## Certificate of Analysis-Nonapeptide-1

CAS: 158563-45-2

Batch Number: **FTF0240520** Batch Quantity: 1kg

Manufacture Date: May.18<sup>th</sup>,2024 Analysis Date: May.19<sup>th</sup>,2024 Certificate Date: May.20<sup>th</sup>,2024

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

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

| Item                | Standard                 | Test Results  |
|---------------------|--------------------------|---------------|
| Description         | White Crystalline Powder | White Powder  |
| Identification      | Positive                 | Positive      |
| Assay(by HPLC)      | 98.0~102.0%              | 99.34%        |
| Absorbance(E1cm)    | 465~495                  | 482.5         |
| Melting Point       | 191~195°C                | 193.5~195.0°C |
| Loss On Drying      | 0.5%max                  | 0.19%         |
| Specific Rotation   | +288°~ +298°             | +290.2°       |
| Residue On Ignition | 0.1%max                  | 0.03%         |
| Related Substances  | Total:1.5%max            | <1.3%         |
|                     | Single:0.5%max           | <0.4%         |
| Residue Solvents    | 0.2%max                  | 0.10%         |
| Heavy Metals        | 20PPm max                | <10PPm        |

**Conclusion:** Conform with enterprise specification .

QC MANAGER: **刘娟** INSPECTOR: **黄子烨**

