

Spec-Chem Industry Inc.

Certificate of Analysis

| Item No. | 130021 |
|--------------------|---------------|
| Batch No. | 20170618 |
| Quantity | 500g |
| Manufacturing Date | Jun. 18, 2017 |
| Expiry Date | Jun. 17, 2019 |
| Date of Analysis | Jun. 19, 2017 |

SpecPed® BT1P

(Biotinoyl Tripeptide-1)

| Items | Standards | Test results |
|-----------------------------|---------------------------|--------------|
| Appearance | White to off white powder | Complies |
| Purity (HPLC) | ≥98.0% | 98.5% |
| Molecular weight (ESI-MASS) | 566.67土 | Complies |
| Water Content(K.F) | <u>≤8.0%</u> | 2.8% |
| Acetic acid (HPLC) | ≤15.0% | Complies |
| Amino acid composition | $\pm 10\%$ of theoretical | Complies |
| Conclusion | Conforms to standard | Complies |

Q.C. Manager: Yanghua

Inspector:02

Good Quality Comes From Qualified Materials