



# Mobel Biomaterials Technology Co.,ltd

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## 质检分析报告 Certificate Of Analysis

报告编号 Report No.:QC-CT29-MB260209

| 产品名称<br>Product Name                        |                                                                                                                                                 | 三肽-29<br>Collagen Tripeptide-29 |                                                                                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CAS No.                                     | 2239-67-0                                                                                                                                       | 批号<br>Batch No.                 | CT29-MB260209                                                                                                                           |
| 分子式 M.F                                     | 285.34                                                                                                                                          | 生产日期<br>Manufactured Date.      | Feburary 9 <sup>th</sup> 2026                                                                                                           |
| 分子量 MW.                                     | C <sub>12</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub>                                                                                   | 复测日期<br>Expiry Date.            | Feburary 8 <sup>th</sup> 2028                                                                                                           |
| 批量<br>Batch Quantity                        | 670.0g                                                                                                                                          | 检验依据<br>Standard                | 三肽-29 内控质量指标<br>《MBQ-CT29-2025》                                                                                                         |
| 序列 Sequence                                 | H-Gly-Pro-4-Hyp-OH                                                                                                                              |                                 |                                                                                                                                         |
| 检测项目<br>Test Item                           | 标准规定<br>Specifications                                                                                                                          |                                 | 检验结果<br>Results                                                                                                                         |
| 1 性状<br>Characters                          | 白色至类白色粉末<br>White to off-white Powder                                                                                                           |                                 | 白色粉末<br>Off-white Powder                                                                                                                |
| 2 鉴别高效液相色谱法<br>Identity by HPLC             | The retention is same with the reference substance                                                                                              |                                 | Conforms                                                                                                                                |
| 鉴别质荷比<br>Identity by MS                     | 285.34 ± 1                                                                                                                                      |                                 | Conforms                                                                                                                                |
| 3 溶解性<br>Solubility                         | 溶于水<br>Soluble in water                                                                                                                         |                                 | Conforms                                                                                                                                |
| 4 纯度 (HPLC)<br>Purity (HPLC)                | ≥98.0%                                                                                                                                          |                                 | 98.9%                                                                                                                                   |
| 5 Amino Acid Composition                    | ± 10.0% of theoretical                                                                                                                          |                                 | Conforms                                                                                                                                |
| 6 水分 (Karl Fischer)<br>Water (Karl Fischer) | ≤8.0%                                                                                                                                           |                                 | 4.2%                                                                                                                                    |
| 7 PH Value (1.0%)                           | 5.0-7.0                                                                                                                                         |                                 | 5.5                                                                                                                                     |
| 8 铅 Lead (mg/kgs)                           | ≤10.0                                                                                                                                           |                                 | Conform                                                                                                                                 |
| 9 砷 Arsenic (mg/kgs)                        | ≤2.0                                                                                                                                            |                                 | Conform                                                                                                                                 |
| 10 汞 Mercury (mg/kgs)                       | ≤1.0                                                                                                                                            |                                 | Conform                                                                                                                                 |
| 11 镉 Cadmium (mg/kgs)                       | ≤5.0                                                                                                                                            |                                 | Conform                                                                                                                                 |
| 12 微生物检测<br>Microbiological Examination     | 需氧菌总数: 不得过 1000cfu/g<br>Total aerobic microbial count:NMT 1000cfu/g<br>霉菌及酵母菌总数: 不得过 100cfu/g,Total<br>combined yeasts/molds count:NMT 100cfu/g |                                 | 需氧菌总数:100cfu/g,Total<br>aerobic microbial count: NMT<br>100cfu/g<br>霉菌及酵母菌总数: <10cfu/g<br>Total combined yeasts/molds<br>count:<10cfu/g |
| 结论<br>Conclusion                            | 本品按照三肽-29 内控质量指标《MBQ-CT29-2025》检验,结果符合规定<br>Comply with Standard《MBQ-CT29-2025》                                                                 |                                 |                                                                                                                                         |

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\*该产品无害,不是免疫原,也不具有传染性,不含任何动物或细胞培养衍生产品或添加剂。  
The product is NOT hazardous, is NOT an immunogen,nor infectious,It does NOT contain any animal or cell culture derived products or additives.  
\*提供的产品限于用于实验室研究、测试、开发和工业生产使用.不用于食品和药品,不用于诊断治疗。  
The products provided are for laboratory research testing,development and industry production use only .  
Not for food or drug.Not for any diagnosis treatment.  
\*如有质量问题,请收到产品 30 日内与我们联系。  
In case of any quality issues,please contact us within 30days after receipt of the product.  
\*储存条件:避光密封保存于阴凉干燥处,长期保存检验-20℃。  
Keep in cool and dry place,protected from light,keep container closed when not in use.  
Long time storage -20℃.

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**To Whom it may Concern****VEGAN STATEMENT**

The item Collagen Tripeptide-29 manufactured by Mobelbio.,llc  
is amino acid synthesized ,

Non-aminal source.

GMO-Free

The company does not use any products or raw materials of animal origin and  
Synthetic Peptides therefore suitable for all classes of Vegetarians and Vegans.

Since no animal products or materials derived from animal products are used  
during or after manufacture, there is no source of BSE (Bovine Spongiform  
Encephalopathy) or TSE (Transmissible Spongiform Encephalopathy) agents.

**Company Name:** Mobel Biomaterials Technology Co.,ltd

Date: 02/23/2025

