

质检分析报告
Certificate Of Analysis

报告编号 Report No.: QC-TP5-241213

产品名称 Product Name		四肽-5 Tetrapeptide-5	
批号 Batch No.	TP5-MB241213	批量 Batch Quantity	410.0g
CAS No.	883220-97-1	生产日期 Manufactured Date.	December 13 th 2024
分子式 M.F	$C_{18}H_{26}N_8O_6$	检测日期 Tested Date.	December 18 th 2024
分子量 MW.	450.45±1	复测日期 Expiry Date.	December 12 th 2026
品牌 Brand	Mobelbio.	检验依据 Standard	四肽-5 内控质量指标 MB-CP-QC2024
序列 Sequence		Ac-Nle-Ala-His-D-Phe-Arg-Trp-NH ₂	
检测项目 Test Item		标准规定 Specifications	检验结果 Results
1	性状 Characters	白色至类白色粉末 White to off-white Powder	白色粉末 Off-white Powder
2	鉴别高效液相色谱法 Identity by HPLC	The retention is same with the reference substance	Conforms
	鉴别质荷比 Identity by MS	450.45±1	450.198
3	溶解性 Solubility	不溶于水 Insoluble in water	Conform
4	纯度 Purity (HPLC)	不低于 98.0%	99.2%
5	肽含量 Peptide content (By N)	不低于 80.0% ≥80.0%	87.0%
6	水分 (Karl Fischer) Water (Karl Fischer)	不得过 8.0% NMT8.0%	4.0%
7	醋酸含量 Acetic Acid (HPLC)	不得过 15.0% ≤15.0%	8.80%
8	铅 Lead (mg/kgs)	不得过 10.0 ≤10.0	Conforms
9	砷 Arsenic (mg/kgs)	不得过 2.0 ≤2.0	Conforms
10	汞 Mercury (mg/kgs)	不得过 1.0 ≤1.0	Conforms
11	镉 Cadmium (mg/kgs)	不得过 5.0 ≤5.0	Conforms
12	微生物检测 Microbiological Examination	需氧菌总数: 不得过 1000cfu/g Total aerobic microbial count: NMT 1000cfu/g 霉菌及酵母菌总数: 不得过 100cfu/g, Total combined yeasts/molds count: NMT 100cfu/g	需氧菌总数: 100cfu/g, Total aerobic microbial count: NMT 100cfu/g 霉菌及酵母菌总数: <10cfu/g Total combined yeasts/molds count: <10cfu/g
结论 Conclusion		本品按照四肽-5 内控质量指标 MB-CP-QC2024 检验, 结果符合规定。 Comply with In-house Standard MB-CP-QC2024.	

分析人: 李研
Analyzed by: Yan.Li复核人: 崔丽华
Checked by: Lihua.Cui批准人: 蒋辉
Approved by: Hui.Jiang

储存条件: 避光密封保存于阴凉干燥处, 长期保存检验-20°C. Keep in cool and dry place, protected from light, keep container closed when not in use. Long time storage -20°C.

如有质量问题, 请收到产品 30 日内于我们联系。

In case of any quality issues, please contact us within 30 days after receipt of the product.

建议使用浓度 Recommended concentration dosage 0.01%-0.1%.

本产品仅限于科研测试, 开发以及工业再生产使用. 产品不用于食品和药品, 不用于任何诊断目的。

The products are samples for laboratory research testing, development and industry production use.

Not for food or drug. Not for diagnosis treatment.



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To Whom it may Concern

VEGAN STATEMENT

The item Tetrapeptide-5 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: 12/18/2024

