



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-AT5-MB250327

产品名称 Product Name		乙酰四肽-5 Acetyl Tetrapeptide-5(Reference:Eyeseryl)	
批号 Batch No.		AT5-MB250327	批量 Batch Quantity 780.0g
CAS No.		820959-17-9	生产日期 Manufactured Date. 2025.03.27
分子式 M.F		C ₂₀ H ₂₈ N ₈ O ₇	检测日期 Tested Date. 2025.04.03
分子量 MW.		492.49 ± 1	复测日期 Retest Date. 2027.03.26
品牌 Brand		Mobelbio.	检验依据 Standard 客户肽乙酰四肽-5 内控质量指标 MBQ-AT5-2023
序列 Sequence		Ac-Beta-Ala-His-Ser-His-OH	
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	Consistent with the reference substance main peak retention time 与对照品主峰保留时间一致	Conforms
	鉴别质荷比 Identity by MS	492.49 ± 1	Conforms
3	溶解性 Solubility	溶于水 Soluble in water	Conforms
4	PH 值 PH Value	4.0-6.0	5.5
5	纯度 (HPLC) Purity (HPLC)	不低于 98.0% ≥ 98.0%	98.9%
6	水分 (Karl Fischer) Water (Karl Fischer)	不得过 8.0% ≤ 8.0%	2.0%
7	Amino Acid Compositions	± 10.0% of theoretical	Conforms
8	醋酸含量 Acetic acid content%	不得过 5.0% ≤ 5.0%	4.0%
9	铅 Pb(ppm)	≤1.0	<10.0
10	砷 As(ppm)	≤2.0	<2.0
11	汞 Hg(ppm)	≤1.0	<1.0
12	镉 Ca(ppm)	≤5.0	<5.0
13	细菌内毒素检测 Bacterial Endotoxins	不得过 5EU/mg ≤5EU/mg	<1EU/mg
14	微生物检测 Microbiological Examination	菌落总数 Aerobic bacterial count:≤1000cfu/g	<100cfu/g
		霉菌及酵母菌 Yeast&Mould: ≤100cfu/g,	<10cfu/g
结论 Conclusion		本品按照客户肽乙酰四肽-5 内控质量指标 MBQ-AT5-2023 检验,结果符合规定.Comply with In-house Standard MBQ-AT5-2023	

分析人: 李妍
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℃.

Storage:Cool and dry place,protected from light,keep container closed when not in use.

Long time storage -20℃.

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 30days after receipt of the product.

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 Acetyl 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.

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