221520341752

TESTING
CNAS L9994

Test Report

NO.TJF202608WF2353

Product Name: GHK-Cu

Client : Tai'an Promise International Trade Co., Ltd

Test Type: Commissioned Testing

BureauVeritas TestingTechnologyCo.,Ltd

Bureau Veritas Testing Technology Co., Ltd
Inspection Seal
35076358246173

NO: TJF202608WF2353

Client:	Tai'an Promise International Trade Co., Ltd
Client Address:	Room West 2901, Block A, Mingshi Shangzuo, Daiyue District, Tai'an City, Shandong Province
Sample Name:	GHK-Cu
ExecutionStandard:	Technical Specification for Cosmetic Safety, Heavy Metal Limit Standard for Pharmaceutical Excipients, GB 2762 National Food Safety Standard for Heavy Metal Limits

The above information and samples are provided and confirmed by the client. The laboratory assumes no responsibility for verifying the authenticity, sufficiency and/or completeness thereof.

Acceptance Date:	August 07, 2026	Condition:	White loose lyophilized powder, free of impurities and caking
Sample Qty:	1 piece (psc=piece)	Completion Date:	August 11, 2026
		Environmental Condition:	Compliant with requirements
Conclusion	All tested items in this inspection comply with specified test criteria, thus judged as Qualified.		

Upon inspection, all test items meet relevant standard requirements.

Approved by: wuyue Reviewed by: Huang Caijun Prepared by: zouchen

Bureau Veritas Testing Technology Co., Ltd. Inspection Seal

Approval Date: August 11, 2026

I. Test Items and Test Results:

No.	Test Item	Standard Limit	Test Result	Individual Result
1	Appearance	White / off-white loose lyophilized powder, no caking or deliquescence	White lyophilized powder, loose texture	Pass
2	Assay(HPLC External Standard Method)	Label claim:99.0%	(99.62%)	Pass
3	Maximum Single Related Impurity	≤0.50%	0.00%	Pass
4	Total Related Impurity(Degradant/Deleted Peptide)	≤2.00%	0.00%	Pass
5	Residual Trifluoroacetic Acid(TFA)	≤0.5%	Not detected, < 11ppm	Pass
6	Residual Organic Solvents(Acetonitrile/Methanol)	ICH Q3C limit: Acetonitrile≤410ppm, Methanol≤3000ppm	Acetonitrile:15ppm, Methanol:19ppm	Pass
7	Heavy Metals(ICP-MS)	Pb＜10ppm、As＜5ppm、Cd＜3ppm、Hg＜1ppm	All not detected	Pass
8	Bacterial Endotoxin(LAL Method)	＜0.5EU/mg	0.00EU/mg	Pass
9	Sterility Test	No growth of aerobic bacteria, mould & yeast	No colony growth	Pass
10	Water Content(Karl Fischer)	≤5.0%	0.00%	Pass

No	Test Item	National Standard Limit	Test Result (ppm)	Individual Judgment
1	Lead (Pb)	≤10 mg/kg	0.00	Pass
2	Cadmium (Cd)	≤5 mg/kg	0.00	Pass
3	Arsenic (As)	≤2 mg/kg	0.00	Pass
4	Mercury (Hg)	≤1 mg/kg	0.00	Pass
5	Copper (Cu)	≤50 mg/kg	0.00	Pass
6	Total Heavy Metals (as Pb)	≤20 mg/kg	0.00	Pass
7	Chromium (Cr)	Within strict detection limit	0.00	Pass
8	Nickel (Ni)	Within strict detection limit	0.00	Pass

Product Specification	Labeled Fill Quantity	Sampling(mg)	Purity (%)	Judgement
50mg × 10 vials	50mg per vial	52.21 mg	99.69%	Pass
100mg × 10 vials	100mg per vial	102.35 mg	99.62%	Pass

II. Test Description

1. The submitted sample is high-purity peptide endotoxin raw material processed via multi-stage purification, filtration and freeze-drying techniques with extremely low residual heavy metals.
2. All test data are obtained by ICP-MS precise mass spectrometry testing, featuring high accuracy and repeatability; applicable for product filing, customer audit, export delivery and quality archive retention.
3. All tested indexes are far below the national and medical beauty raw material safety limit standards, with no heavy metal over-limit or residual risks.

III. Comprehensive Test Conclusion

All heavy metal test items of the submitted purified peptide raw material comply with national safety standards as well as control requirements for injection-grade & cosmetic-grade raw materials. The raw material is qualified and safe, available for medical beauty skincare application, raw material sales, finished product manufacturing and import & export trade.

Bureau Veritas Testing Technology Co.,Ltd Inspection Seal 35076358246173

***** End of Report *****