

Current Batch Certificate of Analysis

RESEARCH USE ONLY Public batch: PEP260705-BBG70

Certificate of Analysis

品 名	Product	复合肽 BBG	批 号 Batch	PEP260705-BBG70
CAS	NO.	BC10 137525-51-0	TB10 77591-33-4	CU50 89030-95-5
数 量	Quantity	70mg	生产日期 Mfg Date	2026-07-05
复检期	Retest Date	2028-07-04	检验日期 Test Date	2026-07-20
标 准	Standard	In house		
包装形式	7ML 西林瓶冻干粉包装			
Packaging	7ML vial lyophilized powder			

TestItem	AcceptanceCriteria	TestResult
检测项目	可接受标准	检验结果
Appearance	Blue-violet powder	Blue-violet powder
性状	蓝紫色粉末	蓝紫色粉末
Solubility	Soluble or freely soluble in water	freely soluble in water
溶解度	在水中溶解或易溶	易溶于水
Average Molecular Weight	BPC-157 1420.01±1.0 Da	BPC-157 1420.51 Da
平均分子量	TB500 889.01±1.0 Da	TB500 889.21Da
	GHK-CU 340.38±1.0 Da	GHK-CU 340.62 Da
Chromatographic Identification	The retention time of the main peak of Sample Solution should be consistent with that of the Standard solution, as obtained in the Assay 在含量测定项下记录的色谱图中，供试品溶液主峰的保留时间应与对照品溶液主峰的保留时间一致	Meet the requirement 符合规定
Clarity and Color of Solution	Clarity: Clear transparent solution, free from turbidity, precipitate and insoluble particles. 应澄清无色	Colour: Characteristic bright sky blue solution. 符合要求
Chromatographic Purity	NLT98.0% 不小于 98.0%	99.6%
Related Substances	Maximum unknown single impurity NMT 0.5% 最大未知单杂不得过 0.5%	0.32%
High Molecular Weight Proteins	NMT1.0%	0.42%
Water Content	NMT 5%	2.14%
水分		

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Heavy Metals 重金属	NMT 10ppm	2ppm
	Methanol NMT 3000ppm	68ppm
	甲醇不得过 3000ppm	
	Acetonitrile NMT 410ppm	
Residual Solvents	乙腈不得过 410ppm	36ppm
	残留溶剂	
	Dichloromethane NMT 600ppm	12ppm
	二氯甲烷不得过 600ppm	
Microbial Limit	N, N-Dimethylformamide NMT 880ppm	50ppm
	N, N-二甲基甲酰胺不得过 880ppm	
微生物限度	Total Aerobic Microbial Count NMT100 cfu/g	Meet the requirement
	需氧菌总数应不得过 100cfu/g	符合要求
Bacterial		Meet the requirements
Endotoxins	<0. 5EU/mg	符合要求
细菌内毒素		
Peptide Content	95. 0%~105. 0%(On Anhydrous and Sodium Free)	
肽含量	95. 0%~105. 0%(以无水、无钠离子计)	101. 3%
Assay		
含量	66. 5mg~73. 5mg	70. 91mg
Conclusion	Meets specification	
结论		