

Current Batch Certificate of Analysis

RESEARCH USE ONLY

Public batch: PEP260628-BPC10

Certificate of Analysis

品名	Product	BPC-157	批号	Batch	PEP260628-BPC10
CAS	No.	137525-51-0	数量	Quantity	10mg
生产日期	Mfg Date	2026-06-28	复检期	Retest Date	2028-06-27
检验日期	Test Date	2026-07-13	标准	Standard	In house
包装形式	3ML 西林瓶冻干粉包装				
Packaging	3ML vial lyophilized powder				
Test Item	Acceptance Criteria		Test Result		
检测项目	可接受标准		检验结果		
Appearance	White powder		White powder		
性状	白色粉末		白色粉末		
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	1419.5±1.0 Da		1418.5 Da		
平均分子量					
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		Meet the requirement		
色谱鉴别	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		符合规定		
PH	4.5 – 6.0		5.7		
Clarity and Color of Solution	Clarity: Clear transparent solution, free from turbidity, precipitate and insoluble particles.		Colour: Colorless, clear		
溶液的澄清度与颜色	应澄清无色		符合要求		
Chromatographic Purity	NLT98.0%		99.12%		
色谱纯度	不小于98.0%				
Related Substances	Maximum unknown single impurity NMT 0.5%		0.23%		
有关物质	最大未知单杂不得过0.5%				
High Molecular Weight Proteins	NMT0.8%		0.01%		
高分子蛋白质					
Water Content	NMT 5%		1.56%		
水分					

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Heavy Metals 重金属	NMT 10ppm		3ppm		
	Methanol NMT 3000ppm		36ppm		
	甲醇不得过 3000ppm				
	Acetonitrile NMT 410ppm				
	乙腈不得过 410ppm		24ppm		
Residual Solvents					
	残留溶剂				
	Dichloromethane NMT 600ppm				
			59ppm		
	二氯甲烷不得过 600ppm				
Microbial Limit					
	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	<5EU/mg		Meet the requirements		
			符合要求		
Endotoxins					
Peptide Content	95.0%~105.0%(On Anhydrous and Sodium Free)		102.35%		
	肽含量				
	95.0%~105.0%(以无水、无钠离子计)				
Assay	9.5~10.5mg		10.24mg		
	含量				
Conclusion	Meets specification				
	结论				