Certificate of Analysis 检验报告书

RESEARCH USE ONLY Report No. SQ261010-KLW80-R1

品名	Product	KLOW	**批号**	Batch No.	SQ261010-KLW80
CAS 号	CAS No.	See composition / 见组分	**规格**	Strength	80 mg
生产日期	Mfg. Date	2026-10-10	**复检日期**	Retest Date	2027-10-09
检验日期	Test Date	2026-10-18	**执行标准**	Standard	In house / 企业标准

组分 Composition: GHK-Cu (CAS 89030-95-5) 50mg · BPC-157 (CAS 137525-51-0) 10mg · TB-500 (CAS 77591-33-4) 10mg · KPV (CAS 112965-21-6) 10mg

包装形式 Packaging: 7ML vial lyophilized powder / 7ML 西林瓶冻干粉包装

Test Item 检测项目	Acceptance Criteria 可接受标准	Result 检验结果
Appearance 性状	Blue-violet powder 蓝紫色粉末	Blue-violet powder 蓝紫色粉末
Solubility 溶解度	Soluble or freely soluble in water 在水中溶解或易溶	freely soluble in water 易溶于水
Average Molecular Weight 平均分子量	GHK-Cu 406.95±1.0 Da	GHK-Cu 406.21 Da
	BPC-157 1420.01±1.0 Da	BPC-157 1419.87 Da
	TB-500 889.01±1.0 Da	TB-500 889.59 Da
	KPV 327.38±1.0 Da	KPV 326.96 Da
Chromatographic Identification 色谱鉴别	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
PH	5.0-6.5	5.6
Clarity and Color of Solution 溶液的澄清度与颜色	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 色谱纯度	NLT98.0%	99.37%
Related Substances 有关物质	Maximum unknown single impurity NMT 0.5% 最大未知单杂不得过0.5%	0.16%

Verify online / 在线核验: seqline.bio/coa/klow-blend-80mg-sq261010-klw80

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KLOW 80 mg · Batch SQ261010-KLW80 · Report SQ261010-KLW80-R1 (continued / 续)

Test Item 检测项目	Acceptance Criteria 可接受标准	Result 检验结果
High Molecular Weight Proteins 高分子蛋白质	NMT0.8%	0.03%
Water Content 水分	NMT 5%	1.59%
Heavy Metals 重金属	NMT 10ppm	2ppm
Residual Solvents 残留溶剂	Methanol NMT 3000ppm 甲醇不得过3000ppm	23ppm
	Acetonitrile NMT 410ppm 乙腈不得过410ppm	36ppm
	Dichloromethane NMT 600ppm 二氯甲烷不得超过600ppm	52ppm
	N,N-Dimethylformamide NMT 880ppm N,N-二甲基甲酰胺不得过880ppm	68ppm
Microbial Limit 微生物限度	Total Aerobic Microbial Count NMT100 cfu/g 需氧菌总数应不得过100cfu/g	Meet the requirement 符合要求
Bacterial Endotoxins 细菌内毒素	<5EU/mg	Meet the requirements 符合要求
Peptide Content 肽含量	95.0%~105.0%(On Anhydrous and Sodium Free) 95.0%~105.0%(以无水、无钠离子计)	101.3%
Assay 含量	76.0~84mg	81.04mg

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