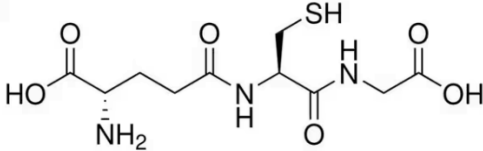


产品检测报告单

Certificate of Analysis

品名/Product Name	还原型 L-谷胱甘肽 (GSH) L-Glutathione reduced		
CAS No:	70-18-8		
分子式/Formula:	C10H17N3O6S	分子量/Formula weight:	307.32
生产日期 Production Date	2026-04-20	批号 Batch No.	PGGSH-260420
检测日期 Test Date	2026-04-21	包装规格 Pack Size	25kg/carton
有效期 Expiry Date	2 Years	检测依据 Specification	USP43
检测项目及结果 Test Items & Result			
检测项目 Test Items	规定 Specification		检测结果 Result
外观 Appearance	白色或类白色粉末 White to off-white powder		白色结晶性粉末 White crystalline powder
鉴定 Identification	HPLC 主峰保留时间一致性 HPLC: The retention time of main peak of test product is consistent with that of control product.		Complies
纯度 purity	≥98%		99.1%
含量 assay	98%~101%		99.2%
相关杂质 related compounds	总杂 total < 2%		0.57%
	GSSG < 1.5%		0.38%
旋光度 optical rotation	-15°~-17.5°		-16.5°
干燥失重 Loss on drying	≤0.5%		0.1%
灼烧残留 Residue on ignition	≤0.1%		0.1%
松密度 Buk density	0.3-0.4g/ml		0.37 g/ml
溶剂残留 solvents residual	≤5000ppm		Complies
铁 Iron	≤10ppm		Complies
氯化物 chlorides	≤200ppm		Complies
硫酸盐 sulfates	≤300ppm		Complies
铵 ammonium	≤200ppm		Complies
重金属含量 heavy metal content			
铅 Pb	≤0.1 ppm		Complies
汞 Hg	≤0.1 ppm		Complies
镉 Cd	≤0.1 ppm		Complies
砷 As	≤2.0 ppm		Complies
微生物总数 Total microbial count	≤1000CFU/g		< 10 CFU/g
大肠菌群 Coliform	≤0.92MPN/g		Complies
霉菌和酵母 Mold and yeast	≤100CFU/g		Complies
金黄色葡萄球菌 Staphylococcus aureus	0/25g		Complies



沙门氏菌 Salmonella	0/25g	Complies
结论 Conclusion	所有检验项目均符合规定 All inspection items are in conformity with the specifications.	
储存条件 Storage Condition	密封包装，阴凉干燥避光储存 Sealed packaging, stored at cool, dry and away from light	

Compiled by: 周勇

Approved by: 