

检测报告单
Certificate of Analysis

产品名称 Product Name	L-还原型谷胱甘肽 L-Glutathione reduced		
CAS NO.	70-18-8	生产日期 Manufacture Date	2026.06.15
批号 Batch NO.	HP0602026006A	检验日期 Test Date	2026.06.16
复测期至 Retest Date	2028.06.14	检验依据 Reference	企业标准 In House
包装 Packing	25kg/桶 25kg/drum	数量 Quantity	600.380kg
检测项目 Test Item	检测标准 Specifications		检测结果 Test Result
外观 Appearance	白色结晶性粉末 White crystalline powder		白色结晶性粉末 White crystalline powder
溶解性 Solubility	本品在水中易溶，在乙醇或二氯甲烷中几乎不溶 This substance is readily soluble in water, and almost insoluble in ethanol or dichloromethane.		符合 Conforms
比旋度 Specific Optical Rotation	-15.5° ~ -17.5°		-16.6°
堆积密度 Bulk density	≥0.2g/ml		0.38g/ml
振实密度 Tapped density	≥0.4g/ml		0.67g/ml
红外光谱鉴定 IR identification	应与对照图谱一致 Corresponding to reference		符合 Conforms
溶液的澄清度与颜色 Clarity and color of the solution	每 1ml 中约含 0.1g 谷胱甘肽的溶液，溶液应澄清无色。如显浑浊，与 1 号浊度标准液比较，不得更浓。 The solution contains approximately 0.1 g of glutathione per ml and should be clear and colorless. If turbid, its concentration must not exceed that of the No. 1 turbidity standard solution.		符合 Conforms
氯化物 Chlorides	≤200ppm		符合 Conforms
硫酸盐 Sulfates	≤300ppm		符合 Conforms
铵 Ammonium	≤200ppm		符合 Conforms
铁 Iron	≤10ppm		符合 Conforms
干燥失重 Loss on drying	≤0.5%		0.09%

地址：广州市花都区花山镇华辉路18号微观化妆品创意园F栋整栋

Whole Building F, Weiguan Cosmetics Creative Park, No.18 Huahui Road, Huashan Town, Huadu District, Guangzhou City



灼烧残渣 Residue on ignition	≤0.1%	0.09%
重金属 Heavy Metal	≤10ppm	符合 Conforms
砷 As	≤2.0ppm	符合 Conforms
铅 Pb	≤0.5ppm	符合 Conforms
镉 Cd	≤0.3ppm	符合 Conforms
汞 Hg	≤0.2ppm	符合 Conforms
相关物质 Related Substances	杂质 A(半胱氨酰甘氨酸)≤0.5% Impurity A not more than 0.5%	未检出 ND
	杂质 B(半胱氨酸)≤0.5% Impurity B not more than 0.5%	未检出 ND
	杂质 C(GSSG)≤1.5% Impurity C not more than 1.5%	0.45%
	杂质 D(谷氨酰半胱氨酸)≤1.0% Impurity D not more than 1.0%	0.13%
	杂质 E(焦谷氨酸)≤0.5% Impurity E not more than 0.5%	0.05%
	其他单杂≤0.2% Any other impurity not more than 0.2%	0.05%
	总杂≤2.0% Total not more than 2.0%	0.58%
微生物限度 Microbiology	菌落总数≤1000CFU/g Total plate count ≤1000CFU/g	<10 CFU/g
	大肠菌群≤100CFU/g Coliforms≤100CFU/g	<10 CFU/g
	霉菌和酵母≤50CFU/g Yeast and mold count≤50CFU/g	<10 CFU/g
	沙门氏菌不得检出 Salmonella absent	未检出 ND
	金黄色葡萄球菌不得检出 S.aureus absent	未检出 ND
细菌内毒素含量 Bacterial endotoxin	<0.10 EU/mg	符合 Conforms
含量（按干燥品计算） Assay(By dry basis)	98.0%~102.0%	99.3%
结论 Conclusion	本品按照企业标准检验，符合规定 The product meets In-house requirements	

检验员：

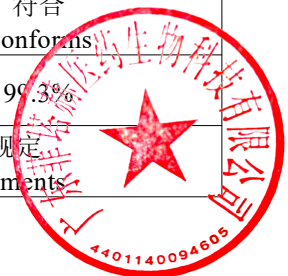
Analyst:

复核人：

Review:

审核人：

Approver:



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