

规格单 SPECIFICATION SHEET

产品名称: L-谷胱甘肽

Product Name: L-Glutathione Reduced

CAS No: 70-18-8

分子式: $C_{10}H_{17}N_3O_6S$

Molecular Formula: $C_{10}H_{17}N_3O_6S$

分子量: 307.32

Molecular Weight: 307.32

检测项目 TEST ITEM		标准 SPECIFICATION
含量 Assay		98.0%~101.0%
外观 Appearance		白色结晶性粉末 White crystalline powder
溶液外观 Appearance of solution		澄清透明 Clear and colorless
鉴别 Identification	IR	与参考光谱相似 Similar with the Reference Spectrum
	OR	-15.5° ~ -17.5°
干燥失重 Loss on drying		≤0.5%
炽灼残渣 Residue on ignition		≤0.1%
溶剂残留 Residual solvents		满足要求 Meet the requirement
重金属 Heavy metals		≤10.0ppm
砷 Arsenic(As)		≤2.0ppm
镉 Cadmium(Cd)		≤1.0ppm
铅 Lead(Pb)		≤3.0ppm
汞 Mercury(Hg)		≤1.0ppm
铁 Iron		≤10.0ppm
氯化物 Chlorides		≤200ppm
硫酸盐 Sulfate		≤300ppm
铵盐 Ammonium		≤200ppm
总杂质 Gross contamination		≤2.0%
氧化型谷胱甘肽 GSSG		≤1.5%
菌落总数 Total Plate Count		≤1000cfu/g
酵母&霉菌 Yeast & Mold		≤100cfu/g
大肠菌群 Total coliforms		≤100cfu/g
大肠杆菌 E.Coli		阴性/10g Negative/10g
金黄色葡萄球菌 S.aureus		阴性/10g Negative/10g
沙门氏菌 Salmonella		阴性/10g Negative/10g