

Glutathione 1500mg(COA)

项目	内容	项目	内容
Product Name	Glutathione (1500mg)	CAS No.	70-18-8
Molecular Formula	C ₁₀ H ₁₇ N ₃ O ₆ S	Molecular Weight	307.33 g/mol
Batch No.	GSH1500-20260329	Manufacturing Date	2026/3/29
Report Date	2026/3/29	Country of Origin	China
Test Item	Specification		Result
Appearance	White to off-white crystalline/lyophilized powder		Conforms
Identification	Infrared Spectroscopy(IR)/UV Spectroscopy(UV)—Matches reference standard		Matches reference standard
Assay(Content)	HPLC—98.0% to 102.0% of labeled amount		99.71%
Loss on Drying	Gravimetric Analysis at 105℃—Not more than 10.0%		3.21%
Residue on Ignition	Gravimetric Analysis—Not more than 0.1%		0.02%
Heavy Metals	Not more than 10 ppm		<0.01 ppm
Individual Impurity	HPLC—Not more than 1.0%		0.10%
Total Impurities	HPLC—Not more than 1.0%		0.19%
Microbial Limit	Total Aerobic Microbial Count(TAMC)—Not more than 100 CFU/g		<10 CFU/g
	Total Yeasts and Molds Count(TYMC)—Not more than 10 CFU/g		<10 CFU/g
	Absence of Escherichia coli, Salmonella spp., and Staphylococcus aureus		Not detected
Bacterial Endotoxins	LAL Test—Not more than 0.25 Endotoxin Units per mg		0.06 Endotoxin Units per mg

Conform with enterprise specification