



# XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

Add: Room 1601 , Tower 1 , Building 25 , Gaoke Garden, Gaoxin 5th Rd, High-tech Zone,  
Xi'an, China

Tel: 86-29-88447187 Fax: 86-29-88447187

## CERTIFICATE OF ANALYSIS

Product Name	Glutathione	MF	C10H17N3O6S
Cas No.	70-18-8	Manufacture Date	2024.1.22
Quantity	500KG	Analysis Date	2024.1.29
Batch No.	BF-240122	Expiry Date	2026.1.21
Items	Specifications	Results	
Appearance	White crystalline powder	Complies	
Odor & taste	Characteristic	Complies	
Assay by HPLC	98.5%-101.0%	99.2%	
Mesh size	100% pass 80 mesh	Complies	
Specific rotation	-15.8°-- -17.5°	Complies	
Melting Point	175°C-185°C	179°C	
Loss on Drying	≤ 1.0%	0.24%	
Sulfated ash	≤0.048%	0.011%	
Residue on ignition	≤0.1%	0.03%	
Heavy metals PPM	<20ppm	Complies	
Iron	≤10ppm	Complies	
As	≤1ppm	Complies	
Total aerobic Bacteria count	NMT 1* 1000cfu/g	NT 1*100cfu/g	
Combined molds and Yeas count	NMT1* 100cfu/g	NT1* 10cfu/g	
E.coli	Not detected per gram	Undetected	
Conclusion	This sample meets the standard.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

