



XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name	Glutathione	MF	C10H17N3O6S
Cas No.	70-18-8	Manufacture Date	2024.10.22
Quantity	500KG	Analysis Date	2024.10.29
Batch No.	BF-241022	Expiry Date	2026.10.21
Items	Specifications	Results	
Appearance	White crystalline powder	Complies	
Odor & taste	Characteristic	Complies	
Assay by HPLC	98.5%-101.0%	99.2%	
Particle size	95% 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* 1000 CFU/g	NT 1*100CFU/g	
Combined molds and Yeas count	NMT1* 100 CFU/g	NT1* 10CFU/g	
E.coli	Not detected per gram	Undetected	
Conclusion	This sample meets the standard.		

Analyst: Jiayan Yang

Checked By: Fei Shen

Manager: Xiaoyu Wang

