

CERTIFICATE OF ANALYSIS

Product Name	Monostearin	Specification	Company Standard
Cas No.	123-94-4	Manufacture Date	2024.4.13
Quantity	100KG	Analysis Date	2024.4.19
Batch No.	BF-240413	Expiry Date	2026.4.12
Items	Specifications	Results	
Appearance	White Powder	Conforms	
Assay	≥99.0%	99.15%	
Odor & Taste	Characteristic	Conforms	
Free Glycerin %	≤7	4	
Acid Value(mg KOH/g)	≤5	1.10	
Ignition Residue %	≤0.5	0.26	
Freezing Point °C	≥54	54.20	
Monoglyceride content %	≥40	41.5	
Total Heavy Metals	≤10.0ppm	Conforms	
Pb	≤1.0 ppm	Conforms	
As	≤1.0 ppm	Conforms	
Cd	≤1.0 ppm	Conforms	
Hg	≤0.1 ppm	Conforms	
Total Plate Count	≤1000cfu/g	Conforms	
Yeast & Mold	≤100cfu/g	Conforms	
E.coli	Negative	Negative	
Salmonella	Negative	Negative	
Staphylococcus	Negative	Negative	
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

