

**CERTIFICATE OF ANALYSIS**

Product Name	Liquid keratin	Specification	Company Standard
Cas No.	69430-36-0	Manufacture Date	2024.7.16
Quantity	500KG	Analysis Date	2024.7.22
Batch No.	ES-240716	Expiry Date	2026.7.15
Items	Specifications		Results
Appearance	Clear amber Liquid		Conforms
Assay	≥99.0%		99.5%
Solid Content(%)	48.0-52.0		52.0
Gardner	Max .20		Conforms
PH Value	4.0-7.0		5.85
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	≤100cfu/g		Conforms
Yeast & Mold	≤50cfu/g		Conforms
E.coli	Negative		Negative
Salmonella	Negative		Negative
Staphylococcus	Negative		Negative
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

