

CERTIFICATE OF ANALYSIS

Product Name	Polysorbate 20	Specification	Company Standard
Cas No.	9005-64-5	Manufacture Date	2024.12.4
Quantity	500KG	Analysis Date	2024.12.10
Batch No.	ES-241204	Expiry Date	2026.12.3
Items	Specifications		Results
Appearance	Yellow Liquid		Conforms
Assay	99.0%		99.14%
Melting Point	98.9℃		Conforms
Boiling Point	100℃		Conforms
Density	1.11 g/mL		Conforms
PH	6-8		7
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

