

CERTIFICATE OF ANALYSIS

1. Basic Information

Chemical Name: POLYOXYETHYLENE (20) SORBITAN
TRISTEARATE (POLYSORBATE 65)

CAS Number: 9005-71-4

Batch Number: 2025021901

Manufacturing Date: 20250219

Quantity: 12T

Retest Date: 20260218

2. Physical Characteristics

Items	Standard	Result
Appearance	Light yellow liquid to soft solid	Conform
Colour Lovibond (R/Y)	≤4R 30Y	1.1R 4.1Y
Acid Value (mg KOH/g)	≤2.0	1.6
Saponification Value (mg KOH/g)	88~98	91.6
Hydroxyl Value(mg KOH/g)	44~60	49.8
Freezing point(°C)	29~33	30.5
Oxyethylene(w/%)	46~55	46.9
1,4-Dioxane(mg/Kg)	≤5	2.5
Ethylene oxide(mg/Kg)	≤0.1	0.04
Ethylene glycols(mono- and di-)	≤0.25	0.03
Moisture(w/%)	≤3.0	1.5
Lead(mg/kg)	≤2	<2
Arsenic(mg/kg)	≤3	<3

Cadmium(mg/kg)	≤1	<1
Mercury(mg/kg)	≤1	<1
Conclusion	Comply with the standards	

QC Manager: Liu Si

Checker: Hu Kai

Approved: Shao Jin