

## CERTIFICATE OF ANALYSIS

### 1. Basic Information

Chemical Name:

Polyglyceryl-3 Polyricinoleate

CAS Number: 29894-35-7

Molecular Weight: 520.69638

Formula: C27H52O9

Batch Number: 2024122701

Manufacturing Date: Dec,27<sup>th</sup>,2024

Quantity: 1500kg

Retest Date: Dec,26<sup>th</sup>,2025

### 2. Physical Characteristics

Items	Standard	Result
Colour	Light yellow to brown	Yellow
Appearance	Viscous liquid	Viscous liquid
Acid Value, mgKOH/g	≤6.0	0.3
Iodine Value, gI <sub>2</sub> /100g	75-95	81
Saponification, mgKOH/g	160-190	180
Lead Value, mg/kg	≤2.0	Not detected
Mass spectrum	No ion peaks with differences of 44, 58 or their integer multiples appear	Pass
Conclusion	Comply with the standards	

QC Manager: Liu Si

Checker: Hu Kai

Approved: Shao Jin