

# Huzhou City Linghu Xinwang Chemical Co.,Ltd

## Certificate of Analysis

Stearic Acid E570

BATCH NUMBER	20260503	TEST DATE	May.04,2026
QUANTITY	2000kg	MANUFACTURE DATE	May.03,2026
PACKING	25kg/bag	EXPIRY DATE	May.02,2028

Test	Specification	Result
Description	White or almost white, waxy, flaky crystals, white or almost white hard masses, or white or yellowish-white powder	White powder
Identification-A	Freezing point: 53-59°C	55.2°C
Identification-B	Acid value:194-212	209.8
Identification-C	Meet the requirements	Conform
Acidity	Meet the requirements	Conform
Color of solution	Meet the requirements	Conform
Iodine value (gI <sub>2</sub> /100g)	≤4.0	0.12
Unsaponifiable matter	≤1.5%	0.11
Water content	≤0.2%	0.01%
Arsenic	≤3mg/kg	< 3mg/kg
Lead	≤1mg/kg	< 1mg/kg
Mercury	≤1mg/kg	< 1mg/kg
Residue on ignition	≤0.1%	0.02%
Stearic acid	40-60%	42.8%
Stearic acid and palmitic acid	≥90.0%	99.5%

**Conclusion: Conform**

Analysts:                     

Checker:                     

Supervisor: