



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Certificate of Analysis (COA)

### Product Information

Product Name Xanthan Gum  
Product Number XAN-20260224  
Batch Number XAN-SH2026022401  
Brand SIGALD  
CAS Number 11138-66-2  
MDL Number MFCD00131699  
Formula  $(C_{35} H_{48} O_{20})_n$  (Variable polymer)  
Formula Weight Variable (1,000,000-20,000,000 Da)

Quality Release Date 24 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Free-flowing powder	Free-flowing powder	-	Visual Inspection
Moisture Content	≤ 15.0%	12.3%	%	Karl Fischer Titration
Ash Content	≤ 16.0%	13.8%	%	Gravimetric Method (550°C)
Viscosity (1% aqueous solution, 25°C)	≥ 1000 mPa·s	1250 mPa·s	mPa·s	Brookfield Viscometer
pH Value (1% aqueous solution, 25°C)	6.0-8.0	7.2	-	Digital pH Meter
Heavy Metals (Pb)	≤ 5 ppm	1.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.4 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Bacterial Count	≤ 1000 CFU/g	230 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Salmonella	Negative	Negative	-	Microbiological Detection

**Certification** This batch of product has been tested in accordance with industrial standards for xanthan gum and meets all specified requirements. It is qualified for use.

**Issue Date: 24 FEB 2026**