



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)

- Xylo-Oligosaccharide 50% (Powder)

Product Name: Xylo-Oligosaccharide 50% (Powder) **Product Information**

Product Number XOS-50P-20260228
Batch Number XOS-PW2026022801
Brand SIGALD
CAS Number 87-89-8 (Xylose, main monomer component)
EINECS Number 201-780-9
Formula Mixture of xylobiose, xylotriose, xylotetraose (C₅ H₁₀ O₅)_n, n=2-10
Formula Weight 280.24 (xylobiose) to 1501.38 (xylodecaose)
Quality Release Date 28 FEB 2026

Test Results

Test	Specification (Food Grade)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Free-flowing powder, no caking	Free-flowing powder	-	Visual Inspection
Odor	Characteristic mild sweet, no off-odor	Characteristic mild sweet	-	Sensory Evaluation
Taste	Mild sweet, clean taste	Clean mild sweet	-	Sensory Evaluation
Xylo-Oligosaccharide Content (DP 2-10)	≥ 50.0%	56.2%	%	HPLC-RID
Xylose Content	≤ 5.0%	1.8%	%	HPLC-RID
Ash Content	≤ 0.5%	0.15%	%	Gravimetric Method (550°C)
Moisture Content	≤ 8.0%	4.5%	%	Karl Fischer Titration
pH Value (25°C, 5% Aqueous Solution)	4.0 - 6.0	5.0	-	Digital pH Meter
Heavy Metals (Pb)	≤ 0.1 ppm	0.02 ppm	ppm	ICP-MS
Heavy Metals (As)	≤ 0.05 ppm	0.01 ppm	ppm	ICP-MS
Total Plate Count	≤ 100 CFU/g	< 10 CFU/g	CFU/g	GB 4789.2
Yeast & Mold	≤ 10 CFU/g	< 10 CFU/g	CFU/g	GB 4789.15
E. coli	Negative in 25g	Negative	-	GB 4789.3
Salmonella	Negative in 25g	Negative	-	GB 4789.4
Particle Size (D50)	80-120 mesh	100 mesh	-	Sieve Method

Certification This batch of product has been tested in accordance with food grade standards for Xylo-Oligosaccharide 50% (Powder) and meets all specified requirements. It is qualified for use as a food ingredient, dietary supplement and feed additive.

Issue Date: 28 FEB 2026