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CERTIFICATE OF ANALYSIS

Product: Xanthan Gum Food Grade

Specification: Ziboxan F200

P.o. No.: 4600000076

Invoice No.: EARQT26001

Date: Feb. 24, 2026

Batch no.		34260005	34260008	31251069	38251269	33260024	37251066	38260072
Quantity(kgs)		5250	1500	6000	1500	2250	3750	3750
Package		Cartons	Cartons	Cartons	Cartons	Cartons	Cartons	Cartons
Manuf.Date		2026-1-2	2026-1-1	2025-12-13	2025-12-2	2026-1-7	2025-11-19	2026-1-18
Best Before Date		2028-1-1	2027-12-31	2027-12-12	2027-12-1	2028-1-6	2027-11-18	2028-1-17
Parameters	Specification	Results	Results	Results	Results	Results	Results	Results
Appearance	Cream colored powder	conform	conform	conform	conform	conform	conform	conform
Viscosity(1% solution in 1% KCL)	1200-1600cp	1560	1510	1750	1610	1560	1420	1460
pH(1% solution)	6.0-8.0	6.9	6.3	6.65	6.66	6.98	6.7	7.11
Loss on drying	max.15%	10.09%	10.96%	6.13%	8.09%	10.03%	9.45%	11.85%
Ash(on dry basis)	max.16%	6.94%	7.08%	6.96%	6.90%	6.98%	7.07%	7.02%
Particle size								
through 80mesh	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
through 200mesh	min.92%	93.50%	97.00%	97.10%	94.20%	96.70%	92.80%	92.40%
V1:V2	1.02-1.45	1.06	1.05	1.05	1.03	1.06	1.05	1.06
Nitrogen	max.1.5%	conform	conform	conform	conform	conform	conform	conform
Ethanol and Isopropanol	max.500ppm	201ppm	142ppm	112ppm	201ppm	81ppm	153ppm	126ppm
Pyruvic acid	min.1.5%	5.50%	5.50%	5.50%	4.70%	5.20%	4.50%	5.50%
Heavy metals(as Pb)	max.20ppm	conform	conform	conform	conform	conform	conform	conform
Lead*	max.2ppm	conform	conform	conform	conform	conform	conform	conform
Arsenic*	max.3ppm	conform	conform	conform	conform	conform	conform	conform
Total Plate Count	<2000cfu/g	<50cfu/g	<50cfu/g	<50cfu/g	780cfu/g	50cfu/g	100cfu/g	100cfu/g
Yeast and moulds	<100cfu/g	<50cfu/g	<50cfu/g	<50cfu/g	<100cfu/g	<50cfu/g	50cfu/g	<50cfu/g
E.coli*	absent/25g	conform	conform	conform	conform	conform	conform	conform
Salmonella*	absent/25g	conform	conform	conform	conform	conform	conform	conform

*: Type test parameters are tested twice a year by the third party lab.

Storage: Sealed and stored in cool, dry conditions

Analytical person: Zhendong Chen

QC Director: Gavin Tuo

