

Deosen Biochemical (Ordos)Ltd.

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Certificate Of Analysis

Product: Xanthan Gum Food Grade

Brand name: Ziboxan®AF200

Batch No.: 37221196

Quantity: 4000kg

Mauf.date: Dec.16,2022

Expiry date: Dec.15,2024

	Specification	Results
Viscosity 1% solution in 1% KCL	1200 –1600cps	1490cps
PH 1% solution	6.0 –8.0	6.80
Moisture	max 15%	8.95%
Ash	max 16%	6.30%
Assay	91%-108%	100%
Particle size	100% through 80 mesh (180micron) min 92% through 200mesh (75micron)	100% 93.0%
Amylase	Negative	conform
V1/V2	1.02 –1.45	1.04
Shear ratio	min 6.5	7.8
Pyruvic acid	min 1.5%	3.8
Heavy metal	max 20ppm	conform
Lead	max 2ppm	conform
Arsenic	max 3ppm	conform
Nitrogen	max.1.5%	<1.5%
Microbiological		
Total plate count	not more than 2000 cfu/g	800
Yeast/mould	not more than 100 cfu/g	conform
E .coli	absent /25g	conform
Salmonella	absent /25g	conform
Xanthomonas campestris	no viable cells in 1g	conform
Ethanol and propan-2-ol	Max.500ppm	81ppm

