

Certificate of Analysis

Product: Xanthan Gum, Granular, 80 Mesh, FCC Grade, Kosher
Item Number: XTHNGGF
CAS#: 11138-66-2
Grade: FCC
Lot Number: 5002337/1.1
Manufacture Date: 03/08/2026
Expiration Date: 03/07/2029
Country of Origin: China

Tested Property	Specification	Analysis
Appearance	Cream-white	Pass
Particle Size (Mesh)	NLT $\pm 100\%$ through 60 mesh (250 μ m)	100%
	NLT 95% through 80 mesh (180 μ m)	97.0%
	NMT 50% through 200 mesh (75 μ m)	43.5%
Loss on Drying	$\leq 12\%$	10.2%
Ashes	$\leq 13\%$	9.7%
Viscosity (1% xanthan gum in 1% KCl solution)	1200 - 1600 cps	1540 cps
pH (1% xanthan gum solution)	6.0 - 8.0	7.8
Ethanol	≤ 750 ppm	230 ppm
Pyruvic Acid	$\geq 1.5\%$	Pass
V1:V2	1.02 - 1.45	1.09
Total Nitrogen	$\leq 1.5\%$	0.5%
Pb	≤ 2 ppm	0.073 ppm
As	≤ 2 ppm	0.072 ppm
Mercury	≤ 2 ppm	Pass
Cadmium	≤ 2 ppm	Pass
Total Plate Count	≤ 2000 cfu/g	100 cfu/g
Assay	91 - 117%	Pass
Molds/Yeasts	≤ 100 cfu/g	<100 cfu/g
Amylase	Negative	Negative

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Salmonella	Negative	Negative
Coliforms	Negative	Negative
ID Test: Rubbery Gel Below 40°	FCC	Pass

Store in a cool, dry, and well-ventilated environment.

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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