

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Xanthan Gum, Prehydrated
INCI Name: Xanthan Gum
CAS Number: 11138-66-2
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 36 months from production date

Characteristics	Specifications	Value
Particles < 0.250mm (mesh 60)	≥99%	100%
Particles < 0.180mm (mesh 80)	≥95%	98%
Viscosity (1%XG in 1%KCl Sol (60rpm))	1400 - 1600 mPas	1500 mPas
Factor Viscosity V1:V2 (24°C:66°C)	1.02 - 1.45	Conforms
Description	Free-flowing powder	Conforms
Assay	91.0 - 108.0%	Conforms
Loss on Drying	≤12.0%	8.4%
pH (of 1% solution)	6.0 - 8.0	7.3
Isopropyl Alcohol	≤500 mg/kg	29 mg/kg
Powder Color	≥60	86
Pyruvic Acid	≥1.5%	Conforms
Ash	6.5 - 16.0%	9.2%
Nitrogen	≤1.5%	Conforms
Arsenic	≤2 mg/kg	Conforms
Lead	≤2 mg/kg	Conforms
Mercury	≤1 mg/kg	Conforms
Cadmium	≤1 mg/kg	Conforms

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

Total Aerobic Microbial Count	≤1000 CFU/g MAX	≤1000 CFU/g
E. coli	Negative/25g	Conforms
Salmonella spp	Negative/25g	Conforms
Bile-Tolerant Gram-Negative Bacteria	Negative/g	Conforms
Pseudomonas aeruginosa	Negative/g	Conforms
Staphylococcus aureus	Negative/g	Conforms
Total Yeast & Mold Count	≤100 CFU/g	≤100 CFU/g
Xanthomonas campestris, viable cells	Negative/g	Conforms

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.”

This report is not to be signed. All data are as per our supplier.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company’s knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user’s responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.