

SAMPLE

Certificate of Analysis

Date format MM/DD/YYYY
Creation date
Your order no.
Date
Delivery note
Date of dispatch
Our reference
Date
Client number
Date of arrival

Material / Product / Description

101563 / 67795CTN0050 / Xanthan Gum FN food grade normal in 50 lbs cartons

Batch	Quantity	Date of production	Date of expiry	Production plant, country
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Parameter	Unit	Specification	Value
Particles < 0.250 mm (mesh 60)	%	>= 99	100
Particles < 0.180 mm (mesh 80)	%	>= 95	98
Viscosity 1%XG in 1%KCl-Sol. (60 rpm)	mPa.s	1400 - 1600	1464
Viscosity Ratio V1:V2 (24°C:66°C)		1.02 - 1.45	conforms*
Description free flowing powder			conforms
Identification			conforms*
Assay	%	91.0 - 108.0	conforms*
Loss on Drying	%	<= 12.0	8.3
pH (of 1% solution)		6.0 - 8.0	7.5
Isopropyl Alcohol	mg/kg	<= 500	32
Powder Colour		>= 60	86
Pyruvic Acid	%	>= 1.5	conforms*
Ash	%	6.5 - 16.0	11.4
Nitrogen	%	<= 1.5	conforms*
Arsenic	mg/kg	<= 2	conforms*
Lead	mg/kg	<= 2	conforms*
Mercury	mg/kg	<= 1	conforms*
Cadmium	mg/kg	<= 1	conforms*
Total Aerobic Microbial Count	CFU/g	<= 1000	<= 1000
Escherichia 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 and Mould Count	CFU/g	<= 100	<= 100
Xanthomonas campestris, viable cells		negative/g	conforms

We herewith confirm that this product is specified to meet the requirements of the latest edition of the European Pharmacopoeia (Ph. Eur.), the United States Pharmacopeia (USP), the Food Chemicals Codex (FCC) and of Commission Regulation (EU) No 231/2012. All analytical methods are in accordance with the latest requirements of the Ph. Eur., the USP, the FCC or are equivalent. Test methods are available on request.

*) Analysis is confirmed based on In-Process-Control or by random testing.

QUALITY CONTROL MANAGER