

Certificate of Analysis

Name of Product: Xanthan Gum
Batch Number: BBB2509
INCI Name: Xanthan Gum

Test	Standards/Methods	Results
Description	Powder	-
Colour	White – cream	-
Odour	Neutral / Characteristic	-
Taste	Neutral / Characteristic	-
Assay %	Approx. 91 – 108	100
Solubility	Soluble in Water Insoluble in Ethanol	Complies
Viscosity cps (1% KCl)	Approx. 1,200 – 1,600	1,470
pH Value (1% sol.)	Approx. 6.0 – 8.0	6.48
Loss on Drying %	Max. 15.0	9.06
Total Ash (on dried basis, 4h 105°C, 650°C) %	Max 16.0	6.17
Particle Size Mesh Through 80mesh (180 micron) %	Approx. 100	100
Particle Size Mesh Through 200mesh (75 micron) %	Min. 92.0	93
V1:V2	Approx. 1.02 – 1.45	1.03
Shear Ratio	Min. 6.5	7.8
Nitrogen %	Max. 1.5	<1.5
Ethanol and propan-2-ol (singly or in combination) ppm	Max. 500	174
Pyruvic Acid %	Min. 1.5	5.2
Arsenic ppm	Max. 3.0	Complies
Lead ppm	Max. 2.0	Complies
Ethylene Oxide (sum of Ethylene Oxide and 2-chloroethanol expressed as Ethylene Oxide) ppm	Max. 0.1	0.0214
Total Plate Count p/g	Max. 2,000	700
Yeast and Mould p/g	Max. 100	Complies
E.Coli p/25 g	Negative	Negative
Salmonella p/25 g	Negative	Negative
Xanthomonas campestris /1g	Negative	Negative
Storage	Under cold and dry conditions, closed bags at 15 - 28°C, max 65% RH.	
Shelf Life	24 months after manufacturing date, under recommended conditions.	