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Certificate of Analysis

Product Name	Xanthan Gum	Batch No.	9220628089	Carried Standard	E415
Type	MHF-200E				
Quantity(MT)	7.0	Production Date	2022.6.28		2024.6.27
Test item and results					
Item		Standard		Result	
Appearance		Off-white or light Yellow Free Flowing Powder		Conform	
ASSAY: (of carbon dioxide)		91-108% (4.2-5%)		Conform	
Thru 200mesh, %		≥92.0		98.0	
Viscosity 1% XG in 1% KCL solution, mPa.s		1300-1700		1380	
Shear Ratio		≥6.5		7.7	
1% XG solution		6.0-8.0		6.9	
Loss on Drying		≤13.0		9.4	
Ash		≤13.0		<13.0	
Pyruvic Acid		≥1.5		>1.5	
Total Nitrogen		≤1.5		<1.5	
Ethanol (Lsoprpyl alcohol)		≤500		106.5	
Total Heavy Metals (as Pb)		≤20.0		<20.0	
Pb, ppm		≤2.0		<2.0	
As, ppm		≤2.0		<2.0	
Hg, ppm		≤1.0		<1.0	
Cd, ppm		≤1.0		<1.0	
Total Plate Count, CFU/g		≤5000		200	
Yeasts & Moulds, CFU/g		≤300		<300	
Coliforms, MPN/g		≤3		Negative	
5g E.coli, in 5 g		Negative		0/25g	
Salmonella		0/25g		Negative111111	
Xanthomonas Campestrics, in 1 g		Negative			
		E415			
Conclusion		Conform to the standard of E415			