



ART VATIKA INSTITUTE

One Stop Solution to all Your Cosmetic Needs

Material Name	Xanthan Gum Standard	Batch No.		5230606008
		Mfg Date	8/6/2024	
Manufacturer	Art Vatika	Exp Date	8/6/2026	
S. No.	Test Parameter	Test method	Specification	Result
1	Sensory test	Manufacturer's standard	Off-white or Light Yellow Free Flowing Powder or granules	Conform
2	200 (%)	Manufacturer's standard	>92.0	96.4
3	1%KCL / (mPa.s) Viscosity 1% XG in 1% KCL solution	GB1886.41	1200-1700	1580
4	PH (1%)	Manufacturer's standard	6.0-8.0	7.4
5	Shearing Ratio	GB1886.41	≥6.5	7.9
6	Loss on Drying (%)	GB1886.41	≤13.0	5.8
7	Ash content (%)	GB1886.41	≤13.0	<13.0
8	Pyruvic Acid (%)	GB1886.41	≥1.5	>1.5
9	Total nitrogen (%)	GB1886.41	≤1.5	<1.5
10	Lead (mg/kg)	GB 5009.12	≤2.0	<2.0
11	Total plate count (CFU/g)	GB 4789.2	≤5000	3500
12	Molds and Yeasts (CFU/g)	GB 4789.15	≤500	<500
13	Coliforms (MPN/g)	GB 4789.3	≤3	<3
14	Salmonella	GB 4789.4	0/25g	Conform
INCI Name:	Xanthan Gum			
CAS Number :	11138-66-2			

Approved By

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