

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**U21009KA2023PTC179006****Registered address:** FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4,
HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**CERTIFICATE OF ANALYSIS**

Material/Product Name	Xanthan Gum		
Batch Number	XG-051/0625	Quantity	2 MT
Mfg. Date	Jun 2025	Expiry Date	May 2030

S. No.	Test Parameter	Specification	Result
1.	Description	Cream-colored powder	Cream-colored powder
2.	Solubility	Its solutions in water are neutral to litmus, soluble in hot or cold water.	Complies
3.	Identification	Forms rubbery gel with locust bean gum below 40°C.	Complies
4.	Assay	91.0 to 108.0 %	98.7 %
5.	Arsenic	NMT 3.0 µg/g	Below 3
6.	Lead	NMT 5.0 µg/g	Below 5
7.	Limit of isopropanol	NMT 0.075 %	Below 0.075
8.	Pyruvic acid	NLT 1.5 %	Above 1.5
9.	Microbial contamination: A. Salmonella species B. Escherichia coli	Absent Absent	Absent Absent
10.	Loss on drying	NMT 15.0 %	7.5 %
11.	Ash	6.5 to 16.0 %	7.3 %
12.	Apparent viscosity. (1% aq. Solution in KCl, 60 RPM, Spindle no: 3, Brookfields Viscometer – LVT) at 24± 1°C	NLT 600 cP	1506 cP

Remarks: The material complies with the above specification

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Name	Praveen Kumar J	Karthik V Suvarna	Prashant Mishra
Date	01/07/2025	01/07/2025	01/07/2025
Sign			

