

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Xanthan Gum
<b>INCI Name</b>	Xanthan Gum
<b>CAS#</b>	11138-66-2
<b>Lot Number</b>	1250306030
<b>Manufacture Date</b>	05/2025
<b>Re-test Date</b>	05/2027

Analytical Tests	Specification	Result
<b>Appearance</b>	Off-white or Light Yellow Free Flowing Powder	CONFORMS
<b>Thru 200mesh, %</b>	≥92.0	95.9
<b>Viscosity</b> <small>1% XG in 1% KCL solution, mPa.s</small>	1200-1700	1500
<b>Shear Ratio</b>	≥6.5	7.6
<b>PH (1% XG solution)</b>	6.0-8.0	6.4
<b>Loss on Drying, %</b>	≤13.0	7.0
<b>Ash, %</b>	≤13.0	< 13.0
<b>Pyruvic Acid, %</b>	≥1.5	> 1.5
<b>Total Nitrogen, %</b>	≤1.5	< 1.5
<b>Pb, mg/kg</b>	≤2.0	< 1.5
<b>Total Plate Count, CFU/g</b>	≤5000	100
<b>Yeasts &amp; Moulds, CFU/g</b>	≤500	< 100
<b>Coliforms, MPN/g</b>	≤3	< 3
<b>Salmonella</b>	0/25g	0/25g
<b>Conclusion</b>	Conform to the standard of GB1886. 41-2015	

### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
 When stored for more than 24 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.