

# XANTHAN GUM 200 MESH

Specification codeXG/5/PB/E

Date12/12/2024

## Product description

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Xanthan gum is a kind of hydrophilic biological polysaccharide, which is made from corn starch after the processes of fermentation with Xanthomonas Campestris, extraction, drying and grinding. Benefited by its superior thickening and stabilizing effect, shear resistance and unique pseudo-plasticity rheological property, xanthan gum is widely used in food, pharmaceutical, fine chemical, oil drilling and other fields. |
| Appearance  | White-like or light yellow powder.                                                                                                                                                                                                                                                                                                                                                                                                  |

## Parameters

|                         |                      |
|-------------------------|----------------------|
| Particle size (mesh)    | 99% through 80 mesh  |
| Particle size (mesh)    | 92% through 200 mesh |
| Viscosity (cP, 1 % KCl) | 1200-1700            |
| Shear ratio             | ≥6.5                 |
| V1/V2                   | 1.02 ~ 1.45          |
| Ph (1% solution)        | 6.0-8.0              |
| Loss on drying          | ≤15%                 |
| Ashes                   | ≤16%                 |
| Pb                      | ≤2 ppm               |
| Whiteness               | ≥50                  |
| Pyruvic Acid            | ≥1.5%                |
| Total Nitrogen          | ≤1.5%                |
| Mould and yeasts        | ≤100 cfu/g           |
| Salmonella              | absent               |
| Total plate count       | ≤2000 cfu/g          |

## Others specs

|           |                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------|
| Packaging | Small bags/Biga Bags                                                                                                 |
| Storage   | Stored in ventilated, clean, dry and cool places; cannot be stored with poisonous, harmful and corrosive substances. |