

# CERTIFICATE OF ANALYSIS

| Product Description | Batch | Re-Test Date | Customer Reference |
|---------------------|-------|--------------|--------------------|
| XANTHAN GUM (E415)  | 10294 | 12/2025      |                    |

| PARAMETERS                      | SPECIFICATION                              | RESULTS                |
|---------------------------------|--------------------------------------------|------------------------|
| <b>Colour and Appearance:</b>   | Cream white powder                         | Comparable to standard |
| <b>Odour:</b>                   | Bland to odourless                         | Comparable to standard |
| <b>Particle Size:</b>           | 100% pass 80 mesh<br>Min 90% pass 200 Mesh | Complies               |
| <b>Loss on drying:</b>          | 6 - 14%                                    | 7.7%                   |
| <b>pH Value (1% solution):</b>  | 6.0 - 8.0                                  | 7.84                   |
| <b>Viscosity (1% in 1% KCl)</b> | 1200-1800 mPa.s                            | 1586                   |
| <b>Viscosity Ratio:</b>         | 1.02 - 1.45                                | 1.406                  |
| <b>Total Plate Count:</b>       | < 2000 CFU/G                               | Complies               |
| <b>Yeast &amp; Mould:</b>       | < 100 CFU/G                                | Complies               |
| <b>Pyruvic Acid:</b>            | >1.5%                                      | Conforms               |
| <b>Nitrogen:</b>                | <1.5%                                      | Conforms               |
| <b>Lead:</b>                    | <2ppm                                      | Conforms               |
| <b>Arsenic:</b>                 | <3ppm                                      | Conforms               |
| <b>Heavy Metals:</b>            | <20ppm                                     | Conforms               |

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