

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| Date of Testing:         | 2026-05-12 16:04:20                                   |
| Date of Next Testing:    | 2028-05-11 16:04:20                                   |
| Product Name:            | <b>Gellan Gum (GG)</b>                                |
| CAS Number:              | 71010-52-1                                            |
| Specifications & Purity: | BioReagent, Gel strength $\geq 800$ g/cm <sup>2</sup> |
| Lot #:                   | ZJ26F0535239                                          |
| SKU #                    | <b>C1518395</b>                                       |
| Version:                 | <b>1</b>                                              |
| Analysis #:              | 034090                                                |

| Parameter                                   | Limit Value                      | Result                                    |
|---------------------------------------------|----------------------------------|-------------------------------------------|
| Loss on drying                              | $\leq 15(\%)$                    | 12.30000 %                                |
| Dynamic Viscosity                           | 10-50(mPa·s)                     | 20.00000 mPa·s                            |
| Gel strength                                | $\geq 800(\text{g}/\text{cm}^2)$ | 857.00000 g/cm <sup>2</sup>               |
| pH                                          | 5.0-8.0                          | 5.80000                                   |
| Transmittance                               | $\geq 78(\%)$                    | 84.00000 %                                |
| Ethanol residue                             | $\leq 0.5(\%)$                   | 0.01000 %                                 |
| Odor                                        | Odorless                         | Odorless                                  |
| Seal Integrity Testing                      | Conform                          | Conform                                   |
| Lead $\leq 2$ ppm                           | Conform                          | Conform                                   |
| Heavy Metals $\leq 10$ ppm                  | Conform                          | Conform                                   |
| Total bacterial count $\leq 10000$ cfu/g    | Conform                          | Conform                                   |
| Total yeast and mold count $\leq 400$ cfu/g | Conform                          | Conform                                   |
| Appearance(C1518395)                        | White or off-white powdery solid | White or off-white powdery solid,odorless |



Sophia Cheng  
Quality Assurance