

## Certificate of Analysis

### Compound Information

**Product Name:** Sodium alginate  
**Cat. No.:** 1087623  
**CAS No.:** 9005-38-3  
**Chemical Structure:**

Sodium alginate

### Batch Information

**Batch No.:** Lg1220349857  
**Storage:** 2-8°C, sealed storage, away from moisture  
**Test Date:** 2023-12-20  
**Retest Date:** 2026-12-19  
**Origin:** Shanghai, China

### QC Summary

|                                          | Specification                                                           | Result              |
|------------------------------------------|-------------------------------------------------------------------------|---------------------|
| <b>Appearance:</b>                       | White to light brown (Solid)                                            | Light Brown (solid) |
| <b>pH:</b>                               | 6.0-8.0                                                                 | qualified           |
| <b>Water Insoluble Substance, ω/%:</b>   | ≤0.60                                                                   | qualified           |
| <b>Lead(Pb), mg/kg:</b>                  | ≤5.0                                                                    | qualified           |
| <b>Arsenic(As), mg/kg:</b>               | ≤2.0                                                                    | qualified           |
| <b>Moisture, ω/%:</b>                    | ≤15.0                                                                   | qualified           |
| <b>Mesh, mesh:</b>                       | 80                                                                      | qualified           |
| <b>Viscosity(20°C), mPas:</b>            | 300-800                                                                 | qualified           |
| <b>Ash Content(on a Dry Basis), ω/%:</b> | 18.0-27.0                                                               | qualified           |
| <b>Conclusion:</b>                       | The product has been tested and complies with the given specifications. |                     |

Caution: Research use only and are not intended for human use.

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