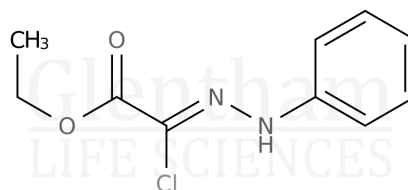


Certificate of Analysis

| | |
|-------------------|--------------------------------------|
| Product Name | Locust bean gum, pure, min. 2800 cps |
| Glenthams Code | GC1311 |
| CAS Number | 9000-40-2 |
| EINECS | 232-541-5 |
| Numéro MDL | MFCD00131257 |
| Batch Number | 051VXL |
| Molecular Weight | N/A |
| Molecular Formula | N/A |
| Storage Temp. | +20°C |



| Property | Specification | Batch 051VXL |
|---------------------------|---|--------------|
| Physical Description | Off-white, cream or pale beige powder | Conforms |
| pH (1% in water) | 5.5 - 7.0 | 6.6 |
| Acid Insoluble Substances | ≤ 4.0% | Conforms |
| Protein | ≤ 7.0% | Conforms |
| Ash | ≤ 1.2% | 0.9% |
| Water | ≤ 15.0% | 9.4% |
| Heavy Metals | ≤ 20ppm | Conforms |
| Lead (Pb) | ≤ 2ppm | Conforms |
| Arsenic (As) | ≤ 2ppm | Conforms |
| Mercury (Hg) | ≤ 1ppm | Conforms |
| Cadmium (Cd) | ≤ 1ppm | Conforms |
| Viscosity | ≥ 2800cps (85°C, cool to 25°C, RVT, 20rpm, sp. 3) | 2940cps |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2023-05-12 |
| Re-Test Date | 2030-07-11 |

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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