



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

| | |
|-------------------------|---------------------|
| Product Name | ALGINIC ACID |
| Cas No. | 9005-32-7 |
| Code No. | B-02900 |
| Batch No. | BC11232075 |
| Mfg.Date | JUNE-2024 |
| Date of Analysis | 05/06/2024 |
| Retest Date | MAY-2029 |

| TEST | SPECIFICATION | RESULT |
|--|--|---------------------|
| Appearance | White to Light Yellow powder | Light Yellow powder |
| Assay (as carboxylic acid groups (COOH); on anhydrous basis) | 19.0 - 25.0% | 21.35% |
| Identification | Passes test | Passes |
| pH (3% solution in water) | 1.5 - 3.5 | 2.23 |
| Arsenic (As) | Max 0.0005% | 0.00013% |
| Heavy metal (as Pb) | Max 0.004% | 0.0010% |
| Acid value (mg KOH/gm) | Min 230.0 | 235 |
| Total ash | Max 4.0% | 1.5% |
| Loss on dryig (at 105°C; 4 hrs) | Max 15.0% | 7.63% |
| Microbial contamination | 1 gm is free from Escherichia.coli and 10 g is free from salmonellae | Complies |

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on **+91-7404210730** Website- www.biofinechemical.com