



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

|                          |                     |                         |                 |
|--------------------------|---------------------|-------------------------|-----------------|
| <b>Name of Product</b>   | : Sodium Alginate   | <b>CAS No.</b>          | : 9005-38-3     |
| <b>Molecular Formula</b> | : $(C_6H_7NaO_6)_n$ | <b>Molecular Weight</b> | : 216.12 g/mole |
| <b>Batch No.</b>         | : QF2607300         | <b>Grade</b>            | : LR            |
| <b>Mfg. Date</b>         | : July-2026         | <b>Retest Date</b>      | : June-2031     |

| Sr. No. | Tests                               | Specification          | Observation |
|---------|-------------------------------------|------------------------|-------------|
| 1       | Appearance                          | White to Yellow powder | Complies    |
| 2       | Minimum Assay                       | 91.0 %                 | 91.31 %     |
| 3       | Viscosity Soln. 1% w/v at 25°C      | 5.0-40.0 cps           | Complies    |
|         | Maximum Limits of Impurities        |                        |             |
| 5       | Moisture                            | 20.0 %                 | 10.10 %     |
| 6       | Arsenic(As)                         | 3 ppm                  | < 3ppm      |
| 7       | Iron (Fe)                           | 300 ppm                | <300 ppm    |
| 8       | Lead (pb)                           | 10 ppm                 | 4 ppm       |
| 9       | Ash Content Ignition loss at 1100°C | 25.0 %                 | 22.1 %      |
| 10      | Sulphated ASH                       | 35.0 %                 | 33.2 %      |
| 11      | Sulphur                             | 0.02 %                 | 0.01 %      |
| 12      | Phosphorous                         | 0.02 %                 | 0.01 %      |
| 13      | Chloride (Cl)                       | 0.02 %                 | <0.02 %     |

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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