

## TECHNICAL DATA SHEET

Sodium Alginate | CAS 9005-38-3

### 1. Product Identification

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Product Name     | Sodium Alginate                                          |
| CAS Number       | 9005-38-3                                                |
| Synonyms         | Alginic acid Na salt, E401, Sodium polymannuronate       |
| Category         | Food Chemical                                            |
| Available Grades | Food Grade/Technical/Pharmaceutical — Multiple viscosity |
| HSN Code         | 3913.10                                                  |

### 2. Physical & Chemical Properties

|                   |                |
|-------------------|----------------|
| Molecular Formula | Polysaccharide |
| Molecular Weight  | ≈32-200 kDa    |
| Appearance        | Refer to TDS   |
| Density           | N/A            |
| Boiling Point     | N/A            |
| Melting Point     | N/A            |
| Flash Point       | N/A            |
| Solubility        | N/A            |

### 3. Applications

• Food thickener (E401) • Pharmaceutical tablet binder • Wound dressing • Textile printing

### 4. Industries Served

Food, Pharma, Textile, Research

### 5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.