

## Certificate of Analysis

Date of Testing: 2023-03-23 18:14:08  
Date of Next Testing: 2027-03-22 18:14:08  
Product Name: **Sodium alginate**  
CAS Number: 9005-38-3  
Specifications & Purity: Pharmaceutical Grade  
Lot #: C2317566  
SKU #: **S278630**  
**Analysis:** **157764**  
Storage Temperature: Desiccated

| Parameter                        | Limit Values             | Result                        |
|----------------------------------|--------------------------|-------------------------------|
| Heavy metal (as Pb)              | 0-20(ppm)                | 10.00 ppm                     |
| Loss on drying(105°C, 4h)        | 0-15(%)                  | 7.37 %                        |
| Viscosity(1% in water,20°C)      | 350-550(mPa·S)           | 500.00 mPa·S                  |
| PH (1%; Water , 20°C)            | 5.5-8                    | 6.87                          |
| Sulfated ash(on dried substance) | 18-27(%)                 | 24.60 %                       |
| Appearance(S278630Color)         | White to brown or yellow | White to brown or yellow      |
| Infrared spectrum                | Conforms to Structure    | Conforms to Structure         |
| Appearance (S278630Form)         | Powder                   | Clear liquid to cloudy liquid |



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QA & QC Manager