

Certificate of Analysis

Date of Testing: 2022-03-14 15:54:52

Date of Next Testing: 2026-03-13 15:54:52

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: Pharmaceutical Grade

Lot #: C2204676

SKU #: **S278630**

Analysis: **083417**

Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|----------------------------------|--------------------------|-------------------------------|
| Heavy metal (as Pb) | 0-20(ppm) | 18.70 ppm |
| Loss on drying(105°C, 4h) | 0-15(%) | 11.97% |
| PH (1%; Water , 20°C) | 5.5-8 | 7.21 |
| Sulfated ash(on dried substance) | 18-27(%) | 25.20% |
| Viscosity(1% in water,20°C) | 350-550(mPa·S) | 445.00 mPa·S |
| 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