

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-19 17:01:18

Date of Next Testing: 2029-12-18 17:01:18

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: PharmPure™, ChP

Lot #: L2517144

SKU #: **S278630**

Version: **0**

Analysis #: **082880**

Storage Temperature: Room temperature, Desiccated

| Parameter                        | Limit Values             | Result                        |
|----------------------------------|--------------------------|-------------------------------|
| Heavy metal (as Pb)              | 0-20(ppm)                | 18.70000 ppm                  |
| Loss on drying(105°C, 4h)        | 0-15(%)                  | 11.97000 %                    |
| PH (1%; Water , 20°C)            | 5.5-8                    | 7.21000                       |
| Sulfated ash(on dried substance) | 18-27(%)                 | 25.20000 %                    |
| Viscosity(1% in water,20°C)      | 350-550(mPa·S)           | 445.00000 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 |



John Su  
QA & QC Manager