

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-20 15:07:22

Date of Next Testing: 2029-05-19 15:07:22

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: AR

Lot #: E2515570

SKU #: **S100128**

Version: **0**

Analysis #: **507873**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                           | Limit Values                    | Result                          |
|-------------------------------------|---------------------------------|---------------------------------|
| Loss on drying(105°C, 4h)           | 0-15 (%)                        | 14.20000 %                      |
| Heavy metal (as Pb)                 | 0-20 (ppm)                      | 2.00000 ppm                     |
| Viscosity(1%, Brookfield LV, 20 °C) | 350-550 (cP)                    | 460.00000 cP                    |
| PH(1% in Water, 20°C)               | 5.5-8                           | 6.62000                         |
| Sulfated ash(on dried substance)    | 30-36 (%)                       | 35.30000 %                      |
| Appearance (S100128)                | White to brown or yellow powder | White to brown or yellow powder |
| Infrared spectrum                   | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager