

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-18 11:08:11
 Date of Next Testing: 2027-02-17 11:08:11
 Product Name: **Sodium alginate**
 CAS Number: 9005-38-3
 Specifications & Purity: viscosity 200±20mpa.s
 Lot #: B2309789
 SKU #: **S100126**
Analysis: 164823
 Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|---|---|
| (As)Arsenic | 0-0.0003 (%) | 0.00 % |
| Acid value(KOH) | ≥230 (mgKOH/g) | 231.50 mgKOH/g |
| Ignition Residue (as sulfate) | 18-27 (%) | 24.70 % |
| Iron(Fe) | 0-0.05 (%) | 0.02 % |
| Heavy metals | 0-0.004 (%) | 0.00 % |
| PH(1% in Water,20°C) | 6-8 | 7.22 |
| Loss on drying | 0-15 (%) | 12.16 % |
| Viscosity(1% in H2O,20°C) | 180-220 (mPa·S) | 220.00000 mPa·S |
| Appearance (S100126) | white to light brown powder or crystals | white to light brown powder or crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H2O , Faint Yellow,Clear to Slightly Hazy,10 mg/mL | pass | Pass |



John Su
 QA & QC Manager