

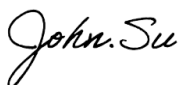
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-28 16:50:59  
Date of Next Testing: 2030-05-27 16:50:59  
Product Name: **Sodium alginate**  
CAS Number: 9005-38-3  
Specifications & Purity: viscosity 200±20mpa.s  
Lot #: E2620207  
SKU #: **S100126**  
Version: **1**  
Analysis #: **707481**  
Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0003 (%)	0.00010 %
Ignition Residue (as sulfate)	18-27 (%)	24.70000 %
PH(1% in Water,20°C)	6-8	6.79000
Loss on drying	0-15 (%)	13.55000 %
Viscosity(1% in H2O,20°C)	180-220 (mPa·S)	218.00000 mPa·S
Acid value(KOH)	≥230 (mgKOH/g)	231.00000 mgKOH/g
Iron(Fe)	0-0.05 (%)	0.04000 %
Heavy metals	0-0.004 (%)	0.00300 %
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