

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-20 10:12:10
 Date of Next Testing: 2029-05-19 10:12:10
 Product Name: **Sodium alginate**
 CAS Number: 9005-38-3
 Specifications & Purity: viscosity 200±20mpa.s
 Lot #: E2515550
 SKU #: **S100126**
 Version: **1**
 Analysis #: **507867**
 Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0003 (%)	0.00001 %
Ignition Residue (as sulfate)	18-27 (%)	24.70000 %
PH(1% in Water,20°C)	6-8	6.20000
Viscosity(1% in H ₂ O,20°C)	180-220 (mPa·S)	215.00000 mPa·S
Acid value(KOH)	≥230 (mgKOH/g)	232.00000 mgKOH/g
Iron(Fe)	0-0.05 (%)	0.04100 %
Heavy metals	0-0.004 (%)	0.00050 %
Loss on drying	0-15 (%)	12.45000 %
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 H ₂ O , Faint Yellow,Clear to Slightly Hazy,10 mg/mL	pass	Pass



John Su
QA & QC Manager