

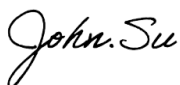
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-26 13:18:50
Date of Next Testing: 2029-06-25 13:18:50
Product Name: **Sodium alginate**
CAS Number: 9005-38-3
Specifications & Purity: viscosity 200±20mpa.s
Lot #: F2512073
SKU #: **S100126**
Version: **1**
Analysis #: **534960**
Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0003 (%)	0.00001 %
Acid value(KOH)	≥230 (mgKOH/g)	232.00000 mgKOH/g
Ignition Residue (as sulfate)	18-27 (%)	24.70000 %
Iron(Fe)	0-0.05 (%)	0.04100 %
Heavy metals	0-0.004 (%)	0.00050 %
PH(1% in Water,20°C)	6-8	6.20000
Loss on drying	0-15 (%)	12.45000 %
Viscosity(1% in H2O,20°C)	180-220 (mPa·S)	215.00000 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