

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 12:19:23
Date of Next Testing: 2026-09-20 12:19:23
Product Name: **Sodium alginate**
CAS Number: 9005-38-3
Specifications & Purity: viscosity 200±20mpa.s
Lot #: I2216492
SKU #: **S100126**
Analysis: 118669
Storage Temperature: Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0003 (%)	0.00 %
Acid value(KOH)	≥230 (mgKOH/g)	241.00 mgKOH/g
Ignition Residue (as sulfate)	18-27 (%)	24.70 %
Iron(Fe)	0-0.05 (%)	0.01 %
Heavy metals	0-0.004 (%)	0.00 %
PH(1% in Water,20°C)	6-8	7.11
Loss on drying	0-15 (%)	10.80 %
Viscosity(1% in H ₂ O,20°C)	180-220 (mPa·S)	190.00000 mPa·S
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (S100126)	white to light brown powder or crystals	white to light brown powder or crystals
Solubility in H ₂ O , Faint Yellow,Clear to Slightly Hazy,10 mg/mL	pass	Pass



John Su
QA & QC Manager