

Certificate of Analysis

Date of Testing: 2021-11-29 23:02:05

Date of Next Testing: 2025-11-28 23:02:05

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: viscosity 200±20mpa.s

Lot #: K2125648

SKU #: **S100126**

Analysis: **054061**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0003 (%)	0.00 %
Acid value(KOH)	≥230 (mgKOH/g)	230.00 mgKOH/g
Ignition Residue (as sulfate)	0-5 (%)	1.80 %
Iron(Fe)	0-0.05 (%)	0.01 %
Heavy metals	0-0.004 (%)	0.00 %
PH(1% in Water,20°C)	6-8	6.53
Viscosity(1% in H2O,25°C)	180-220 (mPa·S)	218.00 mPa·S
Loss on drying	0-15 (%)	4.90 %
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