

## Certificate of Analysis

Date of Testing: 2023-05-18 15:26:53

Date of Next Testing: 2027-05-17 15:26:53

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: viscosity 200±20mpa.s

Lot #: E2315781

SKU #: **S100126**

**Analysis:** **214490**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0003 (%)	0.00 %
Acid value(KOH)	≥230 (mgKOH/g)	235.60 mgKOH/g
Ignition Residue (as sulfate)	18-27 (%)	24.70 %
Iron(Fe)	0-0.05 (%)	0.03 %
Heavy metals	0-0.004 (%)	0.00 %
PH(1% in Water,20°C)	6-8	7.65
Loss on drying	0-15 (%)	2.30 %
Viscosity(1% in H2O,20°C)	180-220 (mPa·S)	220.00000 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



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QA & QC Manager