

Certificate of Analysis

Date of Testing: 2025-05-20 19:02:04

Date of Next Testing: 2027-05-10 19:02:04

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: Biochemical, for immobilization of micro-organisms

Lot #: E2514010

SKU #: **S100127**

Version: **1**

Analysis #: **515964**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	15.00 %
Loss on drying	0-15 (%)	2.30 %
PH	6-8	7.65
Appearance (S100127)	White to light brown powder or crystals	white to light brown powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in H ₂ O , Colorless to yellow, Clear to Slightly Hazy, 10mg/ml	pass	Pass



John Su
QA & QC Manager