

Certificate of Analysis

Date of Testing: 2025-04-28 18:17:30

Date of Next Testing: 2027-04-18 18:17:30

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

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

Lot #: D2521629

SKU #: **S100127**

Version: **1**

Analysis #: **505168**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	29.20%
Loss on drying	0-15 (%)	12.20%
PH	6-8	6.50
Appearance (S100127)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Solubility in H2O , Colorless to yellow,Clear to Slightly Hazy,10mg/ml	pass	Pass



John Su
QA & QC Manager