

Certificate of Analysis

Date of Testing: 2022-10-17 13:57:26
Date of Next Testing: 2024-10-06 13:57:26
Product Name: **Sodium alginate**
CAS Number: 9005-38-3
Specifications & Purity: biochemical grade,for immobilization of micro-organisms
Lot #: L2021039
SKU #: **S100127**
Analysis: **144669**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	16.20%
Loss on drying	0-15 (%)	7.32%
Brookfield Viscosity	200-300 (cP)	246.00 cP
PH	6-8	6.70
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 H ₂ O , Colorless to yellow,Clear to Slightly Hazy,10mg/ml	pass	Pass



John Su
QA & QC Manager