

Certificate of Analysis

Date of Testing: 2023-11-10 09:52:18
Date of Next Testing: 2025-10-30 09:52:18
Product Name: **Sodium alginate**
CAS Number: 9005-38-3
Specifications & Purity: biochemical grade,for immobilization of micro-organisms
Lot #: B2212410
SKU #: **S100127**
Version: **1**
Analysis #: **294050**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	29.70%
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 H ₂ O , Colorless to yellow,Clear to Slightly Hazy,10mg/ml	pass	Pass



John Su
QA & QC Manager