

## Certificate of Analysis

Date of Testing: 2024-03-14 14:36:23  
Date of Next Testing: 2026-03-04 14:36:23  
Product Name: **Sodium alginate**  
CAS Number: 9005-38-3  
Specifications & Purity: biochemical grade,for immobilization of micro-organisms  
Lot #: F2206455  
SKU #: **S100127**  
**Analysis:** **330862**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	29.90%
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



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QA & QC Manager