

## Certificate of Analysis

Date of Testing: 2023-05-22 14:36:20  
Date of Next Testing: 2025-05-11 14:36:20  
Product Name: **Sodium alginate**  
CAS Number: 9005-38-3  
Specifications & Purity: biochemical grade,for immobilization of micro-organisms  
Lot #: E23171106  
SKU #: **S100127**  
**Analysis:** **162952**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	30.00%
Loss on drying	0-15 (%)	11.00%
PH	6-8	6.80
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 <sub>2</sub> O , Colorless to yellow,Clear to Slightly Hazy,10mg/ml	pass	Pass



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QA & QC Manager