

## Certificate of Analysis

Date of Testing: 2022-02-19 11:11:58  
Date of Next Testing: 2024-02-09 11:11:58  
Product Name: **Sodium alginate**  
CAS Number: 9005-38-3  
Specifications & Purity: biochemical grade,for immobilization of micro-organisms  
Lot #: B2212402  
SKU #: **S100127**  
**Analysis:** **064799**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	29.90%
Loss on drying	0-15 (%)	13.50%
Brookfield Viscosity	200-300 (cP)	245.32 cP
PH	6-8	6.10
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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