

Certificate of Analysis

Date of Testing: 2022-02-19 14:34:48
Date of Next Testing: 2024-02-09 14:34:48
Product Name: **Sodium alginate**
CAS Number: 9005-38-3
Specifications & Purity: biochemical grade,for immobilization of micro-organisms
Lot #: B2212385
SKU #: **S100127**
Analysis: **065045**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-30 (%)	29.90%
Loss on drying	0-15 (%)	12.20%
Brookfield Viscosity	200-300 (cP)	255.32 cP
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



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QA & QC Manager