

## Certificate of Analysis

Date of Testing: 2022-10-09 10:32:34  
Date of Next Testing: 2026-10-08 10:32:34  
Product Name: **Sodium alginate**  
CAS Number: 9005-38-3  
Specifications & Purity: Analytical Reagent  
Lot #: I2223002  
SKU #: **S100128**  
**Analysis:** **118661**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C, 4h)	0-15 (%)	12.21 %
Heavy metal (as Pb)	0-20 (ppm)	20.00 ppm
Viscosity(1%,Brookfield LV,20 °C)	350-550 (cP)	490.00 cP
Sulfated ash(on dried substance)	30-36 (%)	35.50 %
PH(1% in Water,20°C)	5.5-8	6.00
Appearance (S100128)	White to brown or yellow powder	White to brown or yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager