

## Certificate of Analysis

Date of Testing: 2024-05-15 08:41:54  
Date of Next Testing: 2028-05-14 08:41:54  
Product Name: **Sodium alginate**  
CAS Number: 9005-38-3  
Specifications & Purity: Analytical Reagent  
Lot #: E2406159  
SKU #: **S100128**  
**Analysis:** **352022**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105°C, 4h)	0-15 (%)	11.80 %
Heavy metal (as Pb)	0-20 (ppm)	12.30 ppm
Viscosity(1%,Brookfield LV,20 °C)	350-550 (cP)	455.00 cP
PH(1% in Water,20°C)	5.5-8	6.63
Sulfated ash(on dried substance)	30-36 (%)	35.50 %
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