

## Certificate of Analysis

Date of Testing: 2024-09-06 14:32:25  
Date of Next Testing: 2028-09-05 14:32:25  
Product Name: **Alginic Acid**  
CAS Number: 9005-32-7  
Specifications & Purity: Ph.Eur, viscosity 20-50 mPa.s  
Lot #: I2402035  
SKU #: **A498307**  
Version: **1**  
Analysis #: **362431**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
drying loss(105°C,4h)	0-15 (%)	0.00000 %
Residue on Ignition	0-8 (%)	1.22000 %
viscosity	20-50 (mPa·S)	21.00000 mPa·S
Chloride (Cl-)	0-1 (%)	0.07 %
Carboxyl Content	19-25 (%)	24.41000 %
Heavy metals	0-20 (ppm)	15.00 ppm
Total aerobic microbial count (TAMC)	0-100 (cfu/g)	10.00 cfu/g
Appearance(A498307)	White or pale yellowish-brown, crystalline or amorphous powder	White or pale yellowish-brown, crystalline or amorphous powder
Identification 2( No voluminous gelationous mass is formed)	Pass	Pass
Escherichia Coli	none detected	none detected
Salmonella	none detected	none detected



John Su  
QA & QC Manager