

## Certificate of Analysis

Date of Testing: 2023-02-09 12:57:58  
Date of Next Testing: 2027-02-08 12:57:58  
Product Name: **Alginic acid from brown algae**  
CAS Number: 9005-32-7  
Specifications & Purity: reagent grade  
Lot #: B2306851  
SKU #: **A110570**  
**Analysis: 184965**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	11.07 %
Assay(Carboxyl groups) (dry basis)(analysis by titration)	19-25 (%)	24.76 %
Heavy metal (as Pb)	0-0.004 (ppm)	0.00 ppm
Ignition Residue	0-4 (%)	2.00 %
(As)Arsenic	0-0.0003 (%)	0.00 %
Appearance (A110570)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
starch	none blue	none blue



John Su  
QA & QC Manager