

Certificate of Analysis

Date of Testing: 2022-11-08 16:55:45
Date of Next Testing: 2026-11-07 16:55:45
Product Name: **Alginic acid from brown algae**
CAS Number: 9005-32-7
Specifications & Purity: pharmaceutical
Lot #: K2205013
SKU #: **A110571**
Analysis: 129964
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(3% in Water)	1.5-3.5	2.50
Loss on drying	0-15 (%)	5.11 %
Assay(Carboxyl groups) (dry basis)(analysis by titration)	19-25 (%)	24.41 %
Appearance (A110571)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.1M NaOH,10mg/ml	Faint Yellow to Yellow-Orange,Hazy	Faint Yellow to Yellow-Orange,Hazy



John Su
QA & QC Manager