

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-12 16:08:30  
Date of Next Testing: 2029-03-11 16:08:30  
Product Name: **Alginate acid from brown algae**  
CAS Number: 9005-32-7  
Specifications & Purity: pharmaceutical grade, PharmPure™  
Lot #: F2102049  
SKU #: **A110571**  
Version: **0**  
Analysis #: **479006**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH(3% in Water)	1.5-3.5	1.75
Loss on drying	0-15 (%)	8.27 %
Assay(Carboxyl groups) (dry basis)(analysis by titration)	19-25 (%)	22.20 %
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