

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-11 10:57:13

Date of Next Testing: 2028-10-10 10:57:13

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: AR

Lot #: I2429224

SKU #: **S100128**

Version: **0**

Analysis #: **411164**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	1.36000 ppm
Sulfated ash(on dried substance)	30-36 (%)	35.50000 %
Loss on drying(105°C, 4h)	0-15 (%)	13.50000 %
Viscosity(1%, Brookfield LV, 20 °C)	350-550 (cP)	480.00000 cP
PH(1% in Water, 20°C)	5.5-8	6.87000
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