

## Certificate of Analysis

Date of Testing: 2022-03-14 18:03:29

Date of Next Testing: 2026-03-13 18:03:29

Product Name: **Sodium alginate**

CAS Number: 9005-38-3

Specifications & Purity: Pharmaceutical Grade

Lot #: C2204670

SKU #: **S278630**

**Analysis:** **082880**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20(ppm)	18.70 ppm
Loss on drying(105°C, 4h)	0-15(%)	11.97%
PH (1%; Water , 20°C)	5.5-8	7.21
Sulfated ash(on dried substance)	18-27(%)	25.20%
Viscosity(1% in water,20°C)	350-550(mPa·S)	445.00 mPa·S
Appearance(S278630Color)	White to brown or yellow	White to brown or yellow
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (S278630Form)	Powder	Clear liquid to cloudy liquid



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QA & QC Manager