

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-23 13:23:58
Date of Next Testing: 2028-01-22 13:23:58
Product Name: **Laminaran from Eisenia Bicyclis**
CAS Number: 9008-22-4
Specifications & Purity:
Lot #: A2415405
SKU #: **L103298**
Analysis: 195998
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.9 in H ₂ O)	-50--40 (°)	-44.10°
Appearance (L103298)	White to Off-White Powder	White to Off-White Powder
Laminarinase substrate test(PH5.0 , 37°C)	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to yellow, Clear to Slightly Hazy, 10mg/ml	pass	Pass



John Su
QA & QC Manager