

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-22 16:04:10
 Date of Next Testing: 2027-05-21 16:04:10
 Product Name: **Glucan, ultrapure grade**
 CAS Number: 9004-54-0
 Specifications & Purity:
 Lot #: E2318290
 SKU #: **D491688**
 Version: **1**
 Analysis #: **226396**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Loss on Drying(105°C,5h)	0-7 (%)	4.20000 %
Absorbance(375nm,10% sol.,1cm)	0-0.12	0.01000
Nitrogen by Elemental Analysis	0-100 (ppm)	10.00000 ppm
Sulphated ash	0-0.3 (%)	0.10000 %
Microbial contamination	0-100 (cfu/g)	53.00000 cfu/g
Specific Rotation [α] _{20/D}	195-201 (°)	199.00000 °
Average molecular weight by mass spectra	450000-550000	525899.00000
Mw/Mn(laser)	0-3	2.10000
Appearance(D491688-500k)	White or almost white powder	White or almost white powder



John Su
QA & QC Manager