

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-05 17:08:31

Date of Next Testing: 2027-09-04 17:08:31

Product Name: **Glucan, ultrapure grade**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: I2304140

SKU #: **D491688**

Version: **1**

Analysis #: **272292**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Average Molecular Weight	9000-11000	9817.00000
Loss on Drying(105°C,5h)	0-7 (%)	4.00000 %
Absorbance 375nm (10% solution,1cm)	0-0.12	0.01000
Specific Rotation [α] _{20/D}	188-198 (°)	194.00000 °
Nitrogen by Elemental Analysis	0-110 (ppm)	15.00000 ppm
MW/Mn	0-1.5	1.50000
Microbial contamination	0-100 (cfu/g)	100.00000 cfu/g
Sulphated ash	0-0.3 (%)	0.00000 %
Appearance(D491688-10k)	White or almost white powder	White or almost white powder



John Su
QA & QC Manager