

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-21 14:36:25

Date of Next Testing: 2024-01-11 14:36:25

Product Name: **D-Galacto-D-mannan from Ceratonia siliqua**

CAS Number: 11078-30-1

Specifications & Purity: $\geq 95\%$

Lot #: G1401024

SKU #: **C121024**

Version: **1**

Analysis #: **068950**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	4.50000 %
(Pb)Lead	0-5 (ppm)	4.10000 ppm
Chromium(Cr)	0-5 (ppm)	4.90000 ppm
Sodium(Na)	0-1000 (ppm)	901.00000 ppm
Nickel(Ni)	0-50 (ppm)	38.60000 ppm
Iron(Fe)	0-50 (ppm)	37.00000 ppm
Calcium(Ca)	0-1000 (ppm)	911.00000 ppm
Titanium(Ti)	0-5 (ppm)	4.90000 ppm
Purity(HPLC)	95-100 (%)	95.70000 %
Cobalt(Co)	0-5 (ppm)	4.30000 ppm
Magnesium(Mg)	0-200 (ppm)	161.00000 ppm
Manganese(Mn)	0-5 (ppm)	3.60000 ppm
Lithium(Li)	0-5 (ppm)	4.30000 ppm
Strontium(Sr)	0-5 (ppm)	4.20000 ppm
Cadmium(Cd)	0-5 (ppm)	3.80000 ppm
Zinc(Zn)	0-50 (ppm)	43.00000 ppm
Copper(Cu)	0-5 (ppm)	4.30000 ppm
Potassium(K)	0-1000 (ppm)	852.00000 ppm
Appearance (C121024)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager