

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-26 14:41:21
 Date of Next Testing: 2028-07-25 14:41:21
 Product Name: **Concanavalin A from Canavalia ensiformis (Jack bean)**
 CAS Number: 11028-71-0
 Specifications & Purity: Type IV, lyophilized powder
 Lot #: G2525259
 SKU #: **C755208**
 Version: **1**
 Analysis #: **543913**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Calcium(Ca)	≤ 0.12 (%)	0.12000 %
Manganese(Mn)	≤ 0.08 (%)	0.07000 %
Reducing sugars(as glucose)	0-0.5 (%)	0.10000 %
Protein by Biuret	≥95 (%)	100.00000 %
Purity by SDS Electrophoresis	90-100 (%)	94.00000 %
Agglutination Activity	≤ 64 (µg/ml)	4.00000 µg/ml
N-acetyl-D-Glucosamine	≤ 10000 (µg/ml)	5000.00000 µg/ml
D-(+)-glucose	≤ 10000 (µg/ml)	2500.00000 µg/ml
D-(+)-mannose	≤ 10000 (µg/ml)	625.00000 µg/ml
D-Fructose	≤ 10000 (µg/ml)	1250.00000 µg/ml
Methyl-A-D-Mannopyranoside	≤10000 (µg/ml)	78.00000 µg/ml
Sucrose	≤10000 (µg/ml)	5000.00000 µg/ml
Appearance(C755208)	White to Off White Powder	White to Off White Powder
Solubility in 10 mg/mL H ₂ O, Colorless to Faint Yellow Very Slightly Hazy to Very Hazy	Pass	Pass
N-acetyl-D-galactosamine(No inhibition detected at 10,000 ug/mL)	Pass	Pass
D-(+)-Galactose (No inhibition detected at 10,000 ug/mL)	Pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager