

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-15 11:09:18

Date of Next Testing: 2029-05-14 11:09:18

Product Name: **Lens culinaris lectin (LCA/LcH)**

CAS Number:

Specifications & Purity:

Lot #: E2609476

SKU #: **L140096**

Version: **1**

Analysis #: **698372**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Microbial contamination	0-100 (cfu/g)	1.03200 cfu/g
Protein Content	85-100 (%)	92.10000 %
Molecular Weight	45500-46500 (Da)	46000.00000 Da
Appearance (L140096)	White or off-white lyophilized powder	White or off-white lyophilized powder
Identity and Purity	pass	Pass
Activity: Agglutinates human erythrocytes in a 2 % blood suspension with lectin concentration $\leq 10 \mu\text{g/ml}$ in 0.9% NaCl after 1 h at 25°C	Pass	Pass
Sugar specificity(α -D-mannose and α -D-glucose)	Conforms	Conforms



John Su
QA & QC Manager