

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-24 20:12:00  
Date of Next Testing: 2026-02-23 20:12:00  
Product Name: **Lens culinaris lectin (LCA/LcH)**  
CAS Number:  
Specifications & Purity:  
Lot #: B2321991  
SKU #: **L140096**  
**Analysis: 186946**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Molecular Weight	45500-46500 (Da)	45700.00 Da
Microbial contamination	0-100 (cfu/g)	62.00 cfu/g
Protein Content	85-100 (%)	89.70 %
Identity and Purity	pass	Pass
Sugar specificity( $\alpha$ -D-mannose and $\alpha$ -D-glucose)	Conforms	Conforms
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
Appearance (I140096)	White or off-white lyophilized powder	White or off-white lyophilized powder



John Su  
QA & QC Manager