

## Certificate of Analysis

Date of Testing: 2022-09-14 13:58:16  
Date of Next Testing: 2025-09-13 13:58:16  
Product Name: **Lens culinaris lectin (LCA/LcH)**  
CAS Number:  
Specifications & Purity:  
Lot #: H2231478  
SKU #: **L140096**  
**Analysis: 121348**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Molecular Weight	45500-46500 (Da)	45600.00 Da
Microbial contamination	0-100 (cfu/g)	46.00 cfu/g
Protein Content	85-100 (%)	89.70%
Activity: Agglutinates human erythrocytes in a 2 % blood suspension with lectin concentration $\leq 8 \mu\text{g/ml}$ in 0.9% NaCl after 2 h at 25°C	pass	Pass
Sugar specificity( $\alpha$ -D-mannose and $\alpha$ -D-glucose)	Conforms	Conforms
Appearance (I140096)	White or off-white lyophilized powder	White or off-white lyophilized powder
Identity and Purity	pass	Pass



John Su  
QA & QC Manager