

Certificate of Analysis

Date of Testing: 2023-09-04 13:05:26
Date of Next Testing: 2026-09-03 13:05:26
Product Name: **Lens culinaris lectin (LCA/LcH)**
CAS Number:
Specifications & Purity:
Lot #: H2330549
SKU #: **L140096**
Analysis: **265273**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Molecular Weight	45500-46500 (Da)	45800.00 Da
Microbial contamination	0-100 (cfu/g)	25.30 cfu/g
Protein Content	85-100 (%)	89.70 %
Appearance (I140096)	White or off-white lyophilized powder	White or off-white lyophilized powder
Identity and Purity	pass	Pass
Sugar specificity(α -D-mannose and α -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



John Su
QA & QC Manager