

Certificate of Analysis

Date of Testing: 2022-11-24 16:02:34
Date of Next Testing: 2025-11-23 16:02:34
Product Name: **Lens culinaris lectin (LCA/LcH)**
CAS Number:
Specifications & Purity:
Lot #: K2223701
SKU #: **L140096**
Analysis: 143509
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Molecular Weight	45500-46500 (Da)	45800.00 Da
Microbial contamination	0-100 (cfu/g)	89.00 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