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Product Specification

Product Name:

Lectin from *Lycopersicon esculentum* (tomato) – biotin conjugate, lyophilized powder

Product Number: L0651

Storage Temperature: -20 °C

TEST	Specification
Appearance (Color)	White to Faint Yellow
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 mg/ml in PBS, pH 7.3	
% Protein (Lowry)	≥ 10
Lectin Content	≥ 20 %
Degree of Substitution	≥ 3
Moles Biotin/Mole Lectin (Mol Wt of Lectin Approx 71,000)	
ug Lectin/ml	< 3.0
Agglutinates a 2% suspension of Fresh Human Blood Group O Erythrocytes at Less Than 3 ug Lectin/mL after 1 Hour incubation at 25 Deg C	
Agglutination Inhibition	Pass
Using 4X Agglutination Titer and 1.3% Suspension of Human Erythrocytes: N,N',N''-Triacetylchitotriose:625 ug/mL	
No Inhibition Detected at 10,000 ug/mL	
using D(+)-Glucose, D(+)-Mannose, Sucrose, N,N'-Diacetylchitobiose, N-Acetyl-D-Galactosamine, and N-Acetyl-D-Glucosamine.	

Specification: PRD.1.ZQ5.10000021525

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