

Art no: 05-0117

Lot no: 224105

CERTIFICATE OF ANALYSIS



Intertek

Product name:	Glycine max lectin (SBA)
Production date:	2016-10
Date of release:	2016-12-29 Retested; 2023-06
Expiry date:	2024-12
Source:	Soybeans
Form:	Lyophilized
Storage:	-18 °C (may be shipped at ambient temp)

Analysis	Specification	Result
Appearance	White/off-White powder or flocculate by visual inspection resulting in a clear solution.	Fulfills requirement
Solubility	Dissolves at 1mg/ml in 0,9% NaCl within 5 minutes.	Fulfills requirement
Electrophoresis	One major band at 30 kDa in SDS-electrophoresis, comparable to reference sample.	Fulfills requirement, see appendix 1
Protein content	≥ 80%, using Abs 280 nm (ϵ 1.28 = 1 mg/mL) in comparison to weighed substance.	Fulfills requirement Result: 88%
Bacterial burden	Less than 100 CFU per 1 g of solid substance.	Fulfills requirement
Activity*	Agglutinates a 2% suspension of human erythrocytes, bloodgroup A, at ≤ 10 µg/ml. The agglutination activity is inhibited by 10 mM N-acetyl-D-galactoseamine, at a lectin concentration of ≥ 150 µg/ml.	Fulfills requirement

*test is performed during re-analysis.

The above material has met all quality specifications and has been reviewed by a quality representative.

Quality Assurance, Anna Eliasson

2023-06-27

Date