

Art no: 05-0102

CERTIFICATE OF ANALYSIS

Lot no: 294910



Intertek

Product name:	<i>Triticum vulgare lectin (WGA)</i>
Production date:	2023-12
Date of release:	2024-01-26
Stability:	2028-12
Source:	Wheat germ
Form:	Lyophilized
Molecular weight:	36 kDa
Storage:	-18°C (may be shipped at ambient temp)

Analysis	Specification	Result
Activity	Agglutinates a 2% suspension of human erythrocytes, bloodgroup 0, at $\leq 20 \mu\text{g/ml}$. The agglutination activity is inhibited by 100 mM N-Acetyl-D-Glucoseamine.	Fulfills requirement
Appearance	White/cream coloured powder or flocculate	Fulfills requirement
Identity	3 bands at native electrophoresis, compared to reference	Fulfills requirement
Microbiology	$< 100 \text{ CFU/g}$ at a $\geq 95\%$ confidence interval	Fulfills requirement
Protein content	$\geq 85\%$ (A280), $\epsilon 1 \text{ mg/ml} = 1.54$	95,9%, fulfills requirement
Solubility	1 mg/ml in 0.9% NaCl	Fulfills requirement

Appendixes:

1. Haemagglutination

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

Quality Assurance, Åsa Engström

2024-01-26

Date