

Art no: 05-0102

CERTIFICATE OF ANALYSIS

Lot no: 234608



Product name:	<i>Triticum vulgare</i> (WGA) lectin
Production date:	2018-02
Date of release:	2018-02-28
Stability:	2023-02
Source:	Wheat germ
Form:	Lyophilized
Storage:	-18°C (may be shipped at ambient temp)

Analysis	Specification	Result
Appearance	White/cream coloured powder or flocculate by visual inspection resulting in a clear colourless/slightly yellow solution	Fulfills requirement
Solubility	Dissolves in 0.9 % NaCl at 1mg/ml	Fulfills requirement
Assay (%)	≥ 85 % by A280nm (ϵ 1mg/ml = 1,54) in 0.9% NaCl	89%, fulfills requirement
Electrophoresis	3 major bands in native electrophoresis, comparable to reference sample	Fulfills requirement
Activity Haemagglutination/inhibition	Agglutinates a 2% suspension of human erythrocytes (type 0) at $\leq 20 \mu\text{g/ml}$. The agglutination activity is inhibited by 100mM N-acetyl-D-glucosamine.	5 $\mu\text{g/ml}$, fulfills requirement
Bacterial burden	<100 cfu/g	Fulfills requirement

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



Quality Assurance, Maria Jungnelius

2018-02-28

Date