



Intertek

Product name:	Trichosanthes japonica agglutinin II (TJA-II)
Production date:	2015-01
Date of release:	2023-01-24 (retested)
Stability:	2025-05
Source:	Root tubers of <i>Trichosanthes japonica</i>
Form:	Lyophilized
Storage:	-18 °C (may be shipped at ambient temp)

Analysis	Specification	Result
Appearance	White powder or flocculate by visual inspection resulting in a clear solution.	Fulfills requirement
Purity (%)	> 90 % by SDS-PAGE investigation.	Fulfills requirement
Identity (SDS-PAGE)	One major band in SDS-electrophoresis at 70 kDa unreduced and four bands at 30-38 kDa reduced.	Fulfills requirement
Haemagglutination	Agglutinates human blood group 0 erythrocytes at a lectin concentration down to $\leq 42 \mu\text{g/ml}$. The agglutination is inhibited by 67 mM lactose at a lectin concentration $\leq 42 \mu\text{g/ml}$	5.2 $\mu\text{g/ml}$, fulfills requirement. Inhibition by 67 mM lactose fulfills requirement, see appendix

Appendices: Haemagglutination

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



 Quality Assurance, Jan Henriksson

2023-02-22

 Date

