

## Certificate of Analysis

Date of Testing: 2023-05-15 15:59:06  
Date of Next Testing: 2028-05-13 15:59:06  
Product Name: **Phaseolus vulgaris lectin P (PHA-P), native isomer composition**  
CAS Number:  
Specifications & Purity:  
Lot #: E2312406  
SKU #: **P419332**  
**Analysis: 187494**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Microorganisms	≤100 (cfu/g)	66.00000 cfu/g
Assay(by OD280nm (ε 1mg/ml =1.14 ) in PBS pH 7.4 after filtration through 0.2μm acetate membrane)	> 75 (%)	95.20000 %
Molecular Weight	127000~129000 (Da)	128000.00 Da
Appearance(P419332)	White to light-pink lyophilized powder or flocculate	White to light-pink lyophilized powder or flocculate
Haemagglutination(Agglutinates human blood group O at a concentration ≤8 μg/ml)	Pass	Pass
Sugar specificity(Complex oligosaccharides)	Pass	Pass



John Su  
QA & QC Manager