

# CERTIFICATE OF ANALYSIS

## HUMAN TISSUE PROTEIN

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Prostate Specific Antigen Alpha-1-Antichymotrypsin Complex

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<b>Code No.</b>	<b>P192-3</b>
<b>Grade</b>	<b>Highly Pure</b>
<b>Lot No.</b>	

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### RECEIVER INFORMATION

**Expiry Date**  
**Manufacturing Date**  
**Storage Temperature**      Below -15°C.

**Storage Notes**                      Avoid freeze thaw cycles.  
**Shipping Notes**                      Dry ice recommended.

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### PRODUCT INFORMATION

**Source**                                      Components from seminal fluid and human serum.

**Nominal Purity**                          >96%

**Presentation**                              Single homogenous batch, 0.2µm filtered, supplied liquid frozen in 0.05M sodium phosphate buffer, pH 7.5, containing 0.15M NaCl and 0.09% NaN<sub>3</sub>.

**Recovery**                                      In order to meet our customer needs, it should be noted that there is normally a dispensing overage allowance and the product recovery may, therefore, be greater than expected.

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### HEALTH AND SAFETY

**Application**                                  For Research and Manufacturing Only.

### Infectious Disease Tests

Starting material pool tested using FDA approved test methods for:	Result
HIV 1 & 2 antibodies	
Hepatitis B Surface Antigen	
Hepatitis C virus antibodies	
Syphilis	
HIV / HBV / HCV By PCR and NAT	

**Precaution**                                      No test can guarantee the absence of an infectious agent. Please handle as potentially hazardous.

**Material Safety**                                  For further information and technical details, please download a Safety Data Sheet at [www.bbisolutions.com](http://www.bbisolutions.com) or contact your BBI Account Manager.

**ANALYSIS**

TESTS	SPECIFICATIONS	RESULTS
<b><u>Determination Method</u></b>		
<b>Protein Concentration Estimated by Optical Density at 280nm.</b>	<b>&gt;0.5 mg/ml.</b>	<b>mg/ml.</b>
SDS-Polyacrylamide Gel Electrophoresis.	To show one band corresponding to a molecular weight of approximately 81kD.	Pass/Fail.
Bioburden.	<100 CFU/ml.	Pass/Fail.
<b>Physical Appearance</b>	Clear colourless frozen liquid.	

**Purity** Defined as a major band on coomassie stained SDS-PAGE.

<b>Name:</b>		<b>Position:</b>	
<b>Signed:</b>		<b>Date:</b>	