

CERTIFICATE OF ANALYSIS

HUMAN TISSUE PROTEIN

Human Prostate Acid Phosphatase

Code No.	P116-1
Grade	Highly Pure
Lot No.	

RECEIVER INFORMATION

Expiry Date
Manufacture date
Storage Temperature 2-8°C.

Storage Notes Do not freeze.
Shipping Notes Cool pack.

PRODUCT INFORMATION

Source Pooled human seminal fluid.

Nominal purity >96%

Presentation Single homogenous batch, 0.2 µm filtered, supplied lyophilised from 0.02M NH₄HCO₃.

Reconstitution advice Use of phosphate buffer containing 0.15M NaCl is recommended. To ensure full product recovery, it is advised that reconstitution is performed directly into supplied vial incorporating further washings with the reconstitution buffer.

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.

HEALTH AND SAFETY

Application For Research and Manufacturing Only.

Infectious Disease Tests

Starting material tested for:	Result
HIV 1 & 2 antibodies	
Hepatitis B Surface Antigen	
Hepatitis C virus antibodies	

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

Material Safety The product is supplied with safety data sheet HS0351. For further information and technical details, please request a Material Safety Data Sheet.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination Method</u>		
Optical density at 280nm using $E_{0.1\%}^{1\text{cm}} = 1.44$	> 2 mg/ml.	mg/ml.
Polyacrylamide Gradient Gel Electrophoresis.	To show one band only at approximately 100kD corresponding to PAP molecular weight.	Pass/Fail.
Cellulose Acetate Electrophoresis.	To show one band with β_1 electrophoretic mobility.	Pass/Fail.
Bioburden.	< 100 CFU/ml.	Pass/Fail.
Physical appearance	White, lyophilised powder.	
Purity	Defined as a major band on coomassie stained SDS-PAGE.	

Name:		Position:	
Signed:		Date:	