

CERTIFICATE OF ANALYSIS

HUMAN URINE PROTEIN

Human Beta-2-Microglobulin

Code No.	P122-1
Grade	Highly Pure
Lot No.	

RECEIVER INFORMATION

Expiry Date
Manufacture Date
Storage Temperature Store at 2-8°C.
Storage Notes Do not freeze.
Shipping Notes Cool pack.

PRODUCT INFORMATION

Source Urine from patients with renal tubular proteinuria.

Nominal Purity >98%.

Presentation Single homogenous batch, 0.2µm filtered, supplied lyophilised from 0.02M NH₄HCO₃. May contain traces of buffer salts.

Reconstitution Advice Use of phosphate buffer, pH >7.0 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 donor tested using FDA approved tests for:	Result
HIV 1 & 2 antibodies	
Hepatitis B Surface Antigen	
Hepatitis C virus antibodies	
Syphilis	

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 or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination Method</u>		
Optical density at 280nm using $E^{1cm}_{0.1\%} = 1.65$	>1 mg/ml	mg/ml
SDS-Polyacrylamide Gel Electrophoresis	To show one band corresponding to β 2M molecular weight of 12kD	Pass/Fail
Immunological Activity using Siemens BN Prospec	Positive reaction to confirm identity and verify dispensed quantity	Pass/Fail
Bioburden	<100 CFU/ml	Pass/Fail
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Physical Appearance	White lyophilised powder.	
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Purity	Defined as a major band on coomassie stained SDS-PAGE.	

Name:		Position:	
Signed:		Date:	