

CERTIFICATE OF ANALYSIS

HUMAN BLOOD PROTEIN

Haemoglobin A1c (Ultra Pure)

Code No.	P186-0B
Grade	Highly pure
Lot No.	

RECEIVER INFORMATION

Expiry Date

Manufacture Date

Storage Temperature Store below -15°C.

Storage Notes Avoid freeze thaw cycles.

Shipping Notes Dry Ice recommended.

PRODUCT INFORMATION

Source Human erythrocytes.

Nominal Purity > 96%.

Presentation Single homogenous batch, 0.2µm filtered, supplied as frozen solution in a proprietary buffer formulation, pH 8.0. Dispensed on the basis of HbA1c not total haemoglobin.

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:	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 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>		
Total protein (haemoglobin) determined by OD at 415nM (E=7)	>1 mg/ml	mg/ml
Purity by HPLC using a Mono S HbA1c column using detection at 415nM	>96% HbA1c	Pass/Fail
SDS- Polyacrylamide Gel Electrophoresis	To show bands corresponding to haemoglobin molecular weight	Pass/Fail
Bioburden	<100 CFU/ml	Pass/Fail
Physical Appearance	Clear red frozen solution.	

Purity Defined by HPLC using a Mono S column.

Name:		Position:	
Signed:		Date:	