

CERTIFICATE OF ANALYSIS

HUMAN SERUM PROTEIN

Human Complement C_{4C}

Code No.	P151-8
Grade	Standard
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 Pooled normal human serum/plasma.

Nominal Purity 40-90%

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% NaN₃.

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 using FDA approved tests for:	Result
HIV 1 & 2 antibodies	
Hepatitis B surface antigen	
Hepatitis C antibodies	
HIV-1/HBV/HCV NAT	
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
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Determination Method

Radial immunodiffusion (RID) using Siemens (Behring) standard	20-50 mg/ml	mg/ml
Polyacrylamide Gel Electrophoresis	To show a band corresponding to C4C molecular weight	Pass/Fail
Cellulose Acetate Electrophoresis	To show a band with β_1 electrophoretic mobility	Pass/Fail
Total protein concentration as determined by Lowry method	To confirm purity	mg/ml
Optical density (OD) at 280nm	To confirm Lowry result	Pass/Fail
Bioburden	<100 CFU/ml	Pass/Fail

Physical Appearance Clear colourless solution.

Purity Defined as C_{4C} content by RID as a percentage of total protein by Lowry.

Name:		Position:	
Signed:		Date:	