

CERTIFICATE OF ANALYSIS

RECOMBINANT HUMAN PROTEIN

Recombinant Human Cystatin C

Code No.	P713-1
Grade	Highly pure
Lot No.	

RECEIVER INFORMATION

Expiry Date

Manufacture Date

Storage Temperature Below -15°C

Shipping Notes Cool pack

PRODUCT INFORMATION

Source Expressed in *Pichia pastoris*

Nominal Purity >96%

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

Reconstitution Advice Use of a pH neutral buffer 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

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>		
Protein concentration by optical density at 280nm of dispensing solution using E $\frac{1\text{cm}}{0.1\%} = 0.91$	≥ 1.0 mg/ml	mg/ml
SDS- Polyacrylamide Gel Electrophoresis	To show a major band corresponding to Cystatin C molecular weight of 13kDa. Polymeric forms may be present	Pass/Fail
Cystatin C recovery by SiemensProSpec Analyser on a 1mg/ml solution	Report result	mg/ml
Western Blot	Positive reaction with specific polyclonal anti Cystatin C antibody	Pass/Fail
Bioburden	<100 CFU/ml	Pass/Fail
Physical Appearance	White, lyophilised solid	
Purity	Defined by Coomassie stained SDS-PAGE	

Name:		Position:	
Signed:		Date:	