

# CERTIFICATE OF ANALYSIS

## RECOMBINANT HUMAN PROTEIN

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Recombinant Human Prolactin

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<b>Code No.</b>	<b>P700-1</b>
<b>Grade</b>	<b>Highly pure</b>
<b>Lot No.</b>	

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### RECEIVER INFORMATION

**Expiry Date**

**Manufacture Date**

**Storage Temperature** Below -15°C.

**Shipping Notes** Cool pack.

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### PRODUCT INFORMATION

**Source** Expressed in *Pichia pastoris*.

**Nominal Purity** >96%.

**Presentation** Single homogenous batch, supplied lyophilised from 50mM NH<sub>4</sub>HCO<sub>3</sub> and 1mM EDTA. 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.

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### 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](http://www.bbisolutions.com) or contact your BBI Account Manager.

**ANALYSIS**

TESTS	SPECIFICATIONS	RESULTS
<b><u>Determination Method</u></b>		
<b>Protein concentration by Bradford of dispensing solution</b>	<b>≥1.5 mg/ml</b>	<b>mg/ml</b>
SDS- Polyacrylamide Gel Electrophoresis	To show a major band corresponding to Prolactin molecular weight of 23kDa. Other forms may be present.	Pass/Fail
Activity as determined by Roche Modular E170	≥30 iu/mg	iu/mg
Western Blot	Positive reaction with specific polyclonal anti-Prolactin antibody.	Pass/Fail
Bioburden	<100 CFU/ml	Pass/Fail
<b>Physical Appearance</b>	White, lyophilised solid	
<b>Purity</b>	Defined by Coomassie stained SDS-PAGE	

<b>Name:</b>		<b>Position:</b>	
<b>Signed:</b>		<b>Date:</b>	