

# CERTIFICATE OF ANALYSIS

## RECOMBINANT HUMAN PROTEIN

### Recombinant Human Galectin-3

<b>Code Number</b>	<b>P734-1</b>
<b>Grade</b>	<b>Highly Pure</b>
<b>Lot Number</b>	

#### RECEIVER INFORMATION

##### Expiry Date

**Manufacturing Date** DD Month YYYY

**Storage Temperature** Below -15°C

**Shipping Notes** Cool pack

#### PRODUCT INFORMATION

**Source** Recombinant from *Escherichia coli*

**Nominal Purity** > 96%

**Presentation** Single homogenous batch, supplied lyophilised from 0.02M NH<sub>4</sub>HCO<sub>3</sub>  
May contain traces of buffer salts

**Reconstitution Advice** Use of phosphate buffer, pH 7.5 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 quantity 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](http://www.bbisolutions.com) or contact your BBI Account Manager

**ANALYSIS**

TESTS	SPECIFICATION	RESULTS
<b><u>Determination Method</u></b>		
Protein concentration by BCA of dispensing solution	≥ 1.0 mg/ml	<b>XX</b> mg/ml
SDS-Polyacrylamide Gel Electrophoresis	To show a major band corresponding to Gal-3 protein at approximately 29 kDa	Pass/Fail
Gal-3 activity by BG Medicine Galectin-3 <sup>®</sup> ELISA Assay on post lyophilised material reconstituted to 1.0mg/ml	Report result	<b>XX</b> mg/ml
Western Blot	Positive reaction with specific polyclonal anti-galectin-3 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>	