



CERTIFICATE OF ANALYSIS

HUMAN URINE PROTEIN Human Chorionic Gonadotrophin (hCG)

Code No. P111-6

Grade Standard

Lot No. N/A – Generic Example

RECEIVER INFORMATION

Storage Temperature Store at 2-8°C.

Storage Notes Do not freeze.

Shipping Notes Cool pack.

PRODUCT INFORMATION

Source Protein extract of pregnancy urine.

Nominal purity >65%, activity >9000 international units (iu) per mg of total protein.

Presentation Single homogenous batch, 0.2µm filtered, supplied lyophilised from 0.02M NH₄HCO₃. May contain traces of buffer salts.

Reconstitution advice Use of phosphate buffer, pH >7.0 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 recovery may, therefore, be greater than expected.

HEALTH AND SAFETY

Application For Research and Manufacturing Only.

Infectious Disease Tests

Starting material tested for:	Result
HIV 1 & 2 antibodies	Negative
Hepatitis B surface antigen	Negative
Hepatitis C antibodies	Negative

Precaution No test can guarantee the absence of an infectious agent. Please handle as potentially hazardous.

Material Safety The product is supplied with safety data sheet HS0351. For further information and technical details, please request a Material Safety Data Sheet.

ANALYSIS Determination Method

TESTS	SPECIFICATIONS	RESULTS
Radial immunodiffusion assay vs. 4 th International reference preparation for hCG quantitation. Protein concentration determination by dry weight.	> 9000 iu/mg.	N/A (Example Only)
Bioburden.	< 100 CFU/ml.	N/A (Example Only)

Physical appearance White lyophilised powder.

Purity Defined by potency as a proportion of pure hCG at 15,000 iu/mg.

GENTAUR