

**CERTIFICATE OF ANALYSIS  
HUMAN URINE PROTEINS**

**Human Tamm Horsfall Glycoprotein**

**Product code: P135-1**

**Batch No:**

**Product presentation:** Single homogenous batch supplied lyophilised from de-ionised water.

**Purity:** Nominally greater than 96% of the protein is Tamm Horsfall.

**Starting material:** Urine from healthy individuals. Starting material tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, and Hepatitis C antibodies.

**Storage:** Store at 2-8°C, shelf life minimum 1 year.

**Reconstitution:** Use of de-ionised water is recommended.

**Analysis**

**Results**

SDS-Polyacrylamide Gel Electrophoresis.	Shows one band corresponding to Tamm Horsfall molecular weight of 80kD.
Cellulose Acetate Electrophoresis.	Shows one band only corresponding to Tamm Horsfall electrophoretic mobility.
Optical density at 280nm using $E_{0.1\%}^{1\text{cm}} = 0.94$ .	mg/ml (dispensing solution).
Total protein concentration as determined by Lowry method.	Confirms OD result.
Ouchterlony immunodiffusion vs Dako anitsera.	Positive precipitation line.

**Position:** ..... **Name:** .....

**Signed:** ..... **Date:** ..... **Order No:** .....

