

CERTIFICATE OF ANALYSIS

HUMAN SERUM PROTEINS

Human Prealbumin

Product code: P171-2

Batch No:

Product presentation: Single homogenous batch, lyophilised from 0.02M NH₄HCO₃. May contain traces of buffer salts.

Purity: Nominally between 40-90% of the total protein by Lowry is Prealbumin.

Starting material: Normal human serum/plasma. Starting material donor tested and certified 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 phosphate buffer, pH >7.0 containing 0.15M NaCl is recommended.

Preparation in accordance with Scipac MPP Doc. No. 0883.

Analysis

Results

SDS-Polyacrylamide Gel Electrophoresis.

Shows a major band corresponding to tetramer Prealbumin molecular weight of predominately 30kD. Under certain conditions monomer (15kD) and tetramer (60kD) sub units can be observed. Contaminants not identified.

Cellulose Acetate Electrophoresis.

Shows a band with Prealbumin electrophoretic mobility.

Radial immunodiffusion assay vs Behring standard.

mg/ml (dispensing solution).

Total protein concentration as determined by Lowry method.

mg/ml.

Purity.

%

Position: **Name:**

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

