

# CERTIFICATE OF ANALYSIS

## HUMAN SERUM PROTEINS

### Human Prealbumin

**Product code:** P171-9

**Batch No:**

**Product presentation:** Single homogenous batch liquid in 0.05M Sodium Phosphate buffer pH7.5, containing 0.15M NaCl and 0.09% Sodium Azide. Sterile filtered through a 0.2µM membrane.

**Purity:** Nominally greater than 99% of the total protein as determined by Lowry assay 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.

### Analysis

SDS-Polyacrylamide Gel Electrophoresis.

Cellulose Acetate Electrophoretic.

Optical density using  $E^{280nm}$  = 1.40.  
1cm

Protein concentration as determined by Lowry method.

Radial immunodiffusion assay vs Behring standard.

### Results

One band corresponding to tetramer Prealbumin molecular weight.

Single band only visible corresponding to Prealbumin electrophoretic mobility.

mg/ml.

Results consistent with optical density data.

Confirms identity and verifies dispensing solution.

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

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

