

# CERTIFICATE OF ANALYSIS

## HUMAN TISSUE PROTEINS

### Neuron Specific Enolase (NSE)

**Product code:** P147-3

**Batch No:**

**Product presentation:** Single homogenous batch, supplied liquid frozen in a 0.01M  $\text{NaH}_2\text{PO}_4$  buffer pH 7.4 containing 0.15M NaCl and 0.005M  $\text{MgSO}_4$ .

**Purity:** >96%.

**Starting material:** Human brain tissue. A sample of a pool of the starting material extract has been tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, and Hepatitis C antibodies.

**Storage:** Store below  $-15^\circ\text{C}$ , shelf life minimum 1 year.

### Analysis

SDS-Polyacrylamide Gel Electrophoresis.

Protein concentration by optical density at 280nm using  $E^{1\text{cm}} = 1.22$ .

0.1%

### Results

Single band corresponding to the molecular weight of NSE of 45kD (subunit).

mg/ml (dispensing concentration).

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

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