

CERTIFICATE OF ANALYSIS

HUMAN TISSUE PROTEIN

Neuron Specific Enolase (NSE)

Code No.	P147-3
Grade	Highly pure
Lot No.	

RECEIVER INFORMATION

Expiry Date

Manufacture Date

Storage Temperature Store below -15°C.

Storage Notes Avoid freeze thaw cycles.

Shipping Notes Dry ice recommended.

PRODUCT INFORMATION

Source Human brain tissue from US origin.

Nominal Purity >96%

Presentation Single homogenous batch, 0.2µm filtered, supplied liquid frozen in a 0.01M NaH₂PO₄ buffer pH 7.4 containing 0.15M NaCl and 0.005M MgSO₄.

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 donor serum tested using FDA approved tests for:	Result
HIV 1 & 2 antibodies	
Hepatitis B Surface Antigen	
Hepatitis C virus antibodies	
HIV/HBV/HCV NAT	
Syphilis RPR	

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

Material Safety

For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination Method</u>		
Protein concentration by Optical Density at 280nm using $E^{1cm}_{0.1\%} = 1.22$	$\geq 1.0 - \leq 2.0$ mg/ml	mg/ml
SDS- Polyacrylamide Gel Electrophoresis	To show a cluster of bands corresponding to NSE molecular weight of 45kD (subunit)	Pass/Fail
Bioburden	<100 CFU/ml	Pass/Fail
Physical Appearance	Clear colourless frozen liquid.	

Purity

Defined as bands corresponding to NSE molecular weight on coomassie stained SDS-PAGE gel.

Name:		Position:	
Signed:		Date:	