



HYPHEN BioMed  
155 rue d'Eragny  
95000 Neuville-sur-Oise  
France

## CERTIFICATE OF ANALYSIS

**Product Description:** BIOPHEN NORMAL CONTROL PLASMA  
**Product Code:** 223201  
**Lot No.:** F2000222  
**Expiration date:** 2022-08-06

Components	Quantity	Lot	Expiration Date
Normal Control	12 vials	F201800222	2022-08-06

Analytical Data	Specification	Result
INR	<1.3	1.09
aPTT sec LR Ratio	≤ 1.20	< 1.20
Fibrinogen (Activity and Antigen)	> 2 g/L	Act: 2.66 g/L Ag: 2.75 g/L
Thrombin time Ratio	≤ 1.20	< 1.20
LA ratio	≤ 1.2	0.94
Alpha 2 Anti plasmin	≥ 80 %	92%
Antithrombin (Activity and Antigen)	> 80 %	Act: 88% Ag: 90%
Factor II , V, VII, X and VII+ X	> 70 %	II:82% V:93% VII:82% X:79% VII+X:79%
Factor VIII and IX	> 60 %	VIII: C : 106% IX: 92%
Factor XI and XII	> 70 %	XI: 85% XII: 92%
Factor XIII	> 60 %	XIII: 91%
Free Protein S (Antigen)	> 70 %	95%
Plasminogen	> 75 %	95%
Protein C Chromogenic	> 80 %	88%
Protein C Clotting	> 60 %	88%
Protein S (Activity)	> 50 %	77%
von Willebrand Factor (Antigen)	> 60 %	107%
Act. PC-r (qualitative)	≥ 2.00	2.77
Act. PC-r (quantitative)	< 10 % FVL	4%

*This is to certify that above product has been produced and passed the inspection according to specifications of HYPHEN BioMed.*

Date of Approval: 2020-06-02

Quality Control Manager: S.LECOURT