



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

## CERTIFICATE OF ANALYSIS

**Product Description : BIOPHEN HEPARIN LRT**

**Product Code : 221011**

**Lot No. : F1900385**

**Expiration date : 2020-09-15**

Components	Quantity	Lot	Expiration Date
R1 : Sxa-11 substrate	4 vials	F191F00385	2020-09-15
R2 : Bovine FXa	4 vials	F191F00385	2020-09-15

Analytical Data	Specification	Result
SUPERIMPOSITION REACTIVITY, LINEARITY, ACCURACY ON STAR	<ul style="list-style-type: none"> <li>For a same A405 (UFH/LMWH): MV = TV <math>\pm</math>0.05 IU/ml for conc. <math>\leq</math> 0.50 IU/ml MV = TV <math>\pm</math>0.10 IU/ml for conc. <math>&gt;</math> 0.50 IU/ml • R<sup>2</sup> <math>\geq</math> 0.98</li> </ul>	PASS  R <sup>2</sup> = 0.99
SUPERIMPOSITION REACTIVITY, LINEARITY, ACCURACY ON CS	<ul style="list-style-type: none"> <li>For a same A405 (UFH/LMWH): MV = TV <math>\pm</math>0.05 IU/ml for conc. <math>\leq</math> 0.50 IU/ml MV = TV <math>\pm</math>0.10 IU/ml for conc. <math>&gt;</math> 0.50 IU/ml • R<sup>2</sup> <math>\geq</math> 0.98</li> </ul>	PASS  R <sup>2</sup> = 0.99
DETECTION THRESHOLD	$\leq$ 0.05 IU/ml	$<$ 0.01 IU/ml

### Calibration Curve for information

Conc. LMWH	0	0.50	1.00	1.50	1.95
OD STAR	1.582	1.083	0.758	0.534	0.391
OD CS	0.703	0.441	0.288	0.188	0.130

	Acceptance Range	MV
C3	[ 0.66 - 0.90 ]	0.79
C4	[ 0.97 - 1.31 ]	1.16

MV = Measured value

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

Date of Approval : 2019-05-03

Quality Control Manager : **S.LECOURT**

