

## CERTIFICATE OF ANALYSIS

## FERRITIN-TURBIDIMETRIC CALIBRATOR

REF	3140005	1 x 50 mL	3140080 (R1)	3940005 (CAL) 1x3 mL	X
	3140010	2 x 50 mL	3140081 (R2)	3940020 (CAL) 20x3 mL	X
			3140085 (R1)	CT39401 (CAL) 4x1 mL	X
			3140082 (R2)		

Cont	Diluent (R1)	
	Latex (R2)	
	Calibrator	X

LOT 39548  
2-8°C

2020-02  
IVD

## PHYSICAL AND CHEMICAL CHARACTERISTICS

REAGENT	TEST	SPECIFICATIONS	RESULTS
DILUENT (R1)	APPEARANCE	Liquid. Clear and transparent.	N/A
	pH	8.4 – 9.0	N/A
LATEX (R2)	APPEARANCE	Liquid. Homogeneous suspension free of macroscopic or flaky particles.	N/A
	pH	8.1 – 8.3	N/A
CALIBRATOR	APPEARANCE	Liquid. Yellowish, clear and transparent.	ACCEPTED

(ACCEPTED / N/A)

## FUNCTIONALITY

REAGENT	TEST	SPECIFICATIONS	RESULTS
LATEX (R2) DILUENT (R1)	ANALYTICAL SENSITIVITY Reference Material <sup>3rd</sup> International Standard for Ferritin, NIBSC Cod 94/572.	$\Delta A_{650\text{ nm}} = 2.07 \text{ mA}\cdot\text{L}/\mu\text{g}$ This value depends on the instrument used	N/A
	LINEARITY RANGE	Up to 300 $\mu\text{g}/\text{L}$ This value depends on the instrument used	N/A
	PROZONE	$\Delta A_{650\text{ nm}}, 6000 \mu\text{g}/\text{L} > \Delta A_{650\text{ nm}}, 300 \mu\text{g}/\text{L}$	N/A
	ACCURACY, against 6-8 human sera and 2 Ferritin Control Sera	Agreement between obtained value (OV) and its expected value (EV). Rate OV/EV: 0.9 – 1.1 Control Serums: Within values interval	N/A
CALIBRATOR	ASSIGNED VALUE	250 - 350 $\mu\text{g}/\text{L}$	ACCEPTED

(ACCEPTED / N/A)

## STABILITY TEST

REAGENT	Days at 37°C	TOLERANCE	RESULT
DILUENT (R1)	7	After a stability study, the specifications remain unchanged	N/A
LATEX (R2)			
CALIBRATOR	10		ACCEPTED

(ACCEPTED / N/A)

Components from human origin have been tested and found negative for the presence of antibody to HIV (1/2) as well as HBsAg and HCV. However, handle cautiously as potentially infectious.

This lot was tested by test methods described in the manufacturer's package insert.  
These results are applicable to this lot and sequential sublots, for which a capital letter have been assigned after the lot number.  
This Certificate of Analysis is a computer printout and has therefore not been signed by hand.

This lot meets our specifications and is released for sale	APPROVED	Signed Date of Manufacture: Marta Vilaró 2018-02-06 Quality Control Department
	(APPROVED / NOT APPROVED)	

