

IRON

Spectrophotometric
FERROZINE

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

Instruments: **CX-4/5/7**

Reagent preparation

Reagent 1: use the Reagent A.

Reagent 2: use the Reagent B.

Instrument settings

Test Name	IRON Ferrozine	Calculation Factor	0
Reaction Type	ENDPOINT 2	Math Model	LINEAR
Reaction Direction	POSITIVE	Cal. Time Limit	336 hr.
Units	µg/dL	Nº of Calibrators	1
Decimal Precision	X	Secondary Wavelength	700
Primary Wavelength	560 nm	CALIBRATION	MULTIPOINT SPAN
Sample Volume	25 µL	Nº 1	*
Primary Inject Reagent		Nº 2	
A:	200 µL	Nº 3	
B:		Nº 4	
Secondary Inject Reagent		Nº 5	
C:	50 µL	Nº 6	
Add Time	467		
REAGENT BLANK		REACTION	
Start Read	355	Start Read	467
End Read	387	End Read	499
Low ABS Limit	-1.500	Low ABS Limit	-1.500
High ABS Limit	1.500	High ABS Limit	1.500
USABLE RANGE		SUBSTRATE DEPLETION	
Lower Limit	0	Initial Rate	99.999
Upper Limit	1000	Delta ABS	1.500
		* assigned standard value	