

# 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.

## Instrument: **METROLAB 2300 (=DATA PIO)**

### Reagent preparation

Reagent 1: use the Reagent A.  
Reagent 2: use the Reagent B.

### Instrument settings

NAME	GLU
UNITS	µg/dL
WAVELENGTH	550 nm
BIC. REF.	700 nm
LOW LIMIT (men)	65 µg/dL
HIGH LIMIT (men)	175 µg/dL
LOW LIMIT (women)	50 µg/dL
HIGH LIMIT (women)	170 µg/dL
TYPE	End Point
SAMPLE VOLUME	40 µL
1 <sup>ST</sup> REAGENT VOLUME	240 µL
2 <sup>ND</sup> REAGENT VOLUME	60 µL
1 <sup>ST</sup> INCUBATION	60 sec.
2 <sup>ND</sup> INCUBATION	375 sec.
LINEAR LIMIT	1000 µg/dL
CONSUMPTION LIMIT (KINETICS)	
REFERENCE	Standard
FACTOR/STANDARD	Standard *
REACTION DIRECTION	Increasing
	(*) Data entered by the operator

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