

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: AU 5200

Reagent preparation

Reagent 1: use the Reagent A.

Reagent 2: use the Reagent B.

Instrument settings

Operation	YES	Normal Value	H	175
Sample Volume	20 µL		L	50
Sample Volume Repeat Run		Dynamic Range	H	1000
Reagent Volume R1	200 µL		L	4.00
Reagent Volume R2	50 µL	Panic Value	H	1000
W3 Parameters Prime (Bottle to Valve) R1	YES		L	4.00
W3 Parameters Prime (Bottle to Valve) R2	YES	Reagent OD Range		
W3 Parameters Prime (Bottle to Valve) R1	100	First Point	H	2.000
W3 Parameters Prime (Bottle to Valve) R2	100		L	-2.000
Method	END	Last Point	H	2.000
Wavelength 1	540		L	-2.000
Wavelength 2	600	Decision Level for Repeat Run	H	4.00
Reaction Slope	+		L	0
Measuring Point S	6	R. Dispense by Black Rack		1
	E	R. Dispense by Sample Interval		0
OD Value Range Max		W6 Bottle Side Cleaning		Yes
	Min			
% Variance				
Calibration Type	AB			
ODO Conc.	0.0 µg/dL			
Conc.	*	* Enter the assigned standard value		