

UREA

Enzymatic-spectrophotometric
COLOR

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: COBAS MIRA / MIRA Plus

Reagent preparation

Reagent 1: Transfer the contents of one Reagent A2 vial into a Reagent A1 bottle. Mix thoroughly. Stable for 2 months at 2-8°C.

Reagent 2: Use the Reagent B.

Instrument settings

GENERAL			CALCULATION		
MEASUREMENT MODE	ABSORB		SAMPLE LIMIT	NO	SPACE
REACTION MODE	R- S-SR1	3	REACTION DIRECTION	INCREASE	1
CALIBRATION MODE	CALIBRATOR	2	CHECK	ON	1
REAGENT BLANK	REAG/DIL	2	CONVERSION FACTOR		1
CLEANER	NO	1	OFFSET		0
WAVELENGTH	600 nm	5	TEST RANGE LOW		0
DECIMAL POSITION		1 (mg/dL)	HIGH		300 mg/dL
UNIT		12 (mg/dL)	NORM RANGE LOW		10.0 mg/dL
			HIGH		50.0 mg/dL
ANALYSIS			NUMBER OF STEPS		1
POST DIL. FACTOR	NO	SPACE	CALCULATION STEP A	ENDPOINT	1
CONC. FACTOR	NO	SPACE	READING FIRST		3
SAMPLE CYCLE		2	LAST		24
VOLUME		2 µL			
DILUTION NAME	H2O	0	CALIBRATION		
VOLUME		10 µL	CALIB. INTERVAL	ON REQUEST	3
REAGENT CYCLE		1	TIME	NO	SPACE
VOLUME		100 µL	BLANK RANGE LOW	-0.020 ΔA	
START R1 CYCLE		12	HIGH	0.020 ΔA	
VOLUME		85 µL	REAGENT RANGE LOW	NO	SPACE
DILUTION NAME	H2O	0	HIGH	NO	SPACE
VOLUME		10 µL			
STANDARD POS.	(*)				
STD-1	(**)				
(*) Enter the position of the CAL rack					
(**) Enter the value of the calibrator					