

UREA/BUN

Enzymatic-spectrophotometric
ULTRAVIOLET

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 400 / 640

Reagent preparation

Working Reagent: Transfer the contents of one Reagent B vial into a Reagent A bottle.
Stable for 2 months at 2-8 °C.

Instrument settings

Specific Test Parameters		Min OD	Max OD
Sample: Volume	2 µL	Dilution	0 µL
Reagents: R1 Volume	300 µL	Dilution	0 µL
Wavelength: Pri.	340	Sec.	380
Method:	FIX		
Reaction slope:	-		
Measuring Point 1: First	2	Last	5
Measuring Point 2: First	0	Last	0
Linearity:	%		
No Lag Time:			
		L -0.1	H 2.5
		Reagent OD limit:	
		First L -0.1	First H 0.5
		Last L -0.1	Last H 0.5
		Dynamic Range:	
		L 0	H 300
		Correlation Factor:	
		A 1	B 0
		On-board stability period:	
7. None selected		L	H
8. Out of range		10	50
Panic Value	L	H	
		Unit: mg/dL	Decimal places: 0
Calibration Specific			
Calibration Type:	AB	Formula: Y=AX+B	Counts: 2
			Process: CONC.
Point 1:	Cal. N° #	OD	CONC *
			Factor/OD-L -9999
			Factor/OD-H 9999
* Enter the assigned standard value			
# User defined			