

## CALIBRATION CERTIFICATE

INSTRUMENT NAME : TURBOCHEM PRIME  
SERIAL NO : 10961  
SOFTWARE VERSION : V1.0.7  
INSTALLED AT : SRI KRISHNA LAB, SHOLINGHUR  
INSTALLED ON : 09/12/2019  
DATE OF CALIBRATION : 09/12/2021  
NEXT CALIBRATION DUE : 08/12/2022

### MECHANISM MOVEMENT CHECK REMARK

#### SAMPLE/REAGENT TRAY

SAMPLE/REAGENT TRAY ROTATIONS OK  
REAGENT COOLING OK

#### REACTION CUVETTE UNIT

CUVETTE CONDITION GOOD  
CUVETTE ROTATION GOOD  
LAMP GOOD  
DRY BATH TEMPERATURE OK  
CUVETTE WASHING GOOD  
CUVETTE OVERFLOW NOT HAPPENING

#### PROBE MECHANISM

WASH POT ALIGNMENT OK  
REAGENT ASPIRATION POSITION (INNER) OK  
REAGENT ASPIRATION POSITION (OUTER) OK  
SAMPLE ASPIRATION POSITION(INNER) OK  
SAMPLE ASPIRATION POSITION(MIDDLE) OK  
SAMPLE ASPIRATION POSITION(OUTER) OK  
CUVETTE DISPENSE POSITION OK  
PROBE WASHING OK  
PROBE LIQUID LEVEL DETECTION OK

#### MIXER MECHANISM

WASH POT ALIGNMENT OK  
MIXER WASHING OK  
MIXER ROTATION OK  
CUVETTE VS MIXER OK

#### CORPORATE OFFICE

No.70/6,Old No.108/6,4<sup>th</sup> floor,Westminister,Dr.Radhakrishnan Salai,Mylapore,Chennai-600004.  
Phone No:044-23460168/169

Enabling Better Outcomes

**WATER AND DETERGENT TANK**

- |  |               |
|--|---------------|
| <input type="checkbox"/> WATER LEVEL SENSORS     | OK            |
| <input type="checkbox"/> DETERGENT LEVEL SENSORS | OK            |
| <input type="checkbox"/> WATER HEATER            | OK            |
| <input type="checkbox"/> LEAK IN WATER LINE      | NOT HAPPENING |

**PHOTOELECTRIC STABILITY**

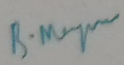
Photoelectric stability gain should be in between 20000 to 60000

FILTER(NM)	GAIN
340	31242
405	41663
450	47013
510	46442
546	50491
578	44928
630	47890
670	47438

WE HERE BY CONFIRM **TURBOCHEM PRIME** HAS PASSED ALL THE ABOVE QUALITY CHECKS AND WORKING IN GOOD CONDITIONS.

KINDLY FIND ATTACHMENT OF PRECISION DATA FROM **TURBOCHEM PRIME**

For CPC DIAGNOSTICS PVT LTD.,

  
Authorised Signatory.

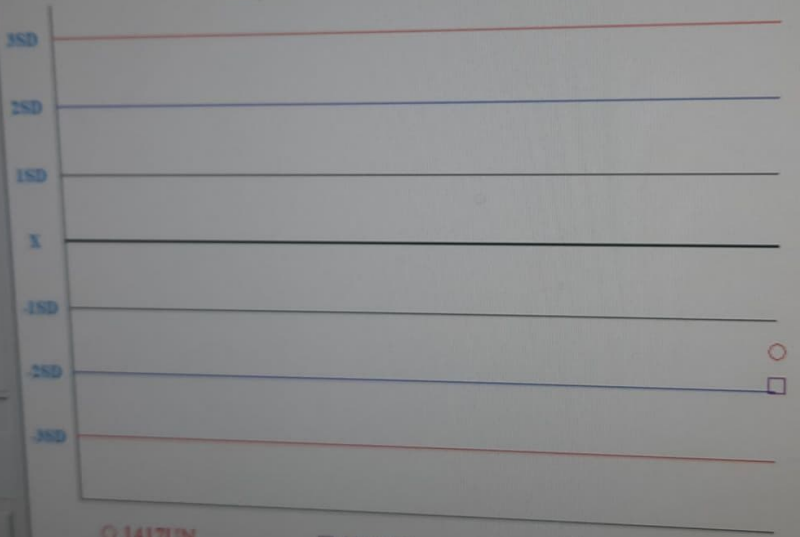


10-08-2022 18:54:59  
13.113731  
79.4194988

ALT	AST	
CKMB	CKNAC	
GGT	HDL	LDL
T.BIL	TGL	TOTAL PROTEIN
D-DIMER	CRP	LDL
GLI DEN		

### Clinical chemistry QC Graph

Item [GLUCOSE], [2022-08-06-2022-08-09], [Between-days]--Multi-Rule



○ 1417UN

□ 1195UE

Detailed QC Results

Return

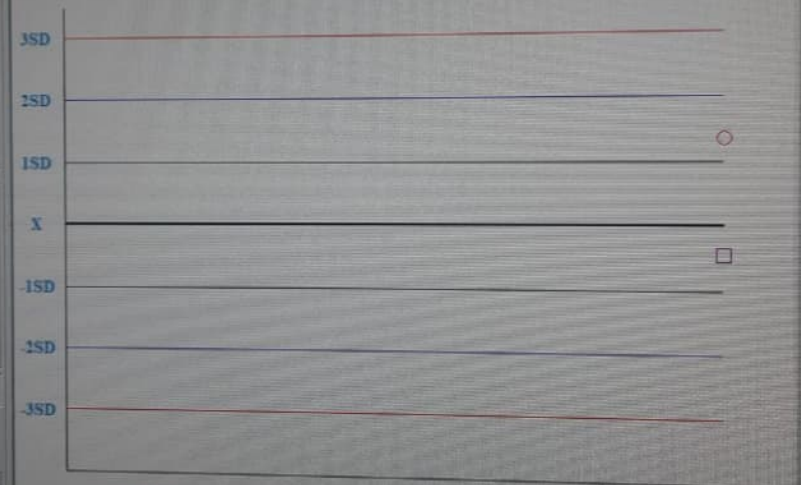


ALBUMIN	ALP	ALT	AST
CALCIUM	CHOLESTEROL	CKMB	CKNAC
D-BILL	GGT	HDL	LDL
PHOSPHORUS	T-BILL	TGL	TOTAL PROTEIN
UREA	D-DIMER	CRP	LDH-L
CRP Fraction	GLUCIDEN		

QC Curve--Between-days--Multi-Rule

### Clinical chemistry QC Graph

Item [CREATININE], [2022-08-06-2022-08-09], [Between-days]--Multi-Rule



17UN  
95UE

QC Status

○ 1417UN      □ 1195UE

2022-08-20 19:55:52

End Date

2022-03-06 275

2022-08-09

19-4195026

Data-Template

Data-Preview

Data-Print

Curve-Print

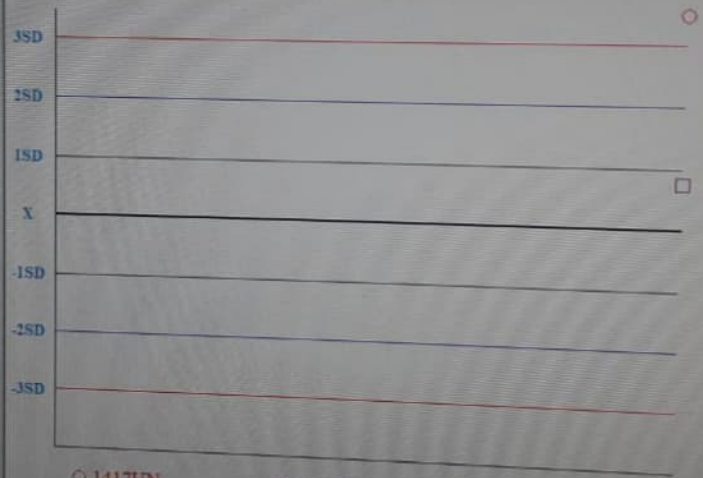
Curve-File

COSE	ALBUMIN	ALP	ALT	AST
GLUCOSE	CALCIUM	CHOLESTEROL	CKMB	CKNAC
CREATININE	D.BILL	GGT	HDL	LDL
MAGNESIUM	PHOSPHORUS	T.BILL	TGL	TOTAL PROTEIN
URIC ACID	UREA	D-DIMER	CRP	LDH L
HEMOGLOBIN	CRP Fusion	GLUCIDEN		

QC Curve - Between-days - Multi-Rule

Clinical chemistry QC Graph

Item [URIC ACID], [2022-08-06-2022-08-09], [Between-days]--Multi-Rule



1417UN  
1195UE

QC Status

Navigation buttons

Query

Detailed QC Result

Return

○ 1417UN

□ 1195UE

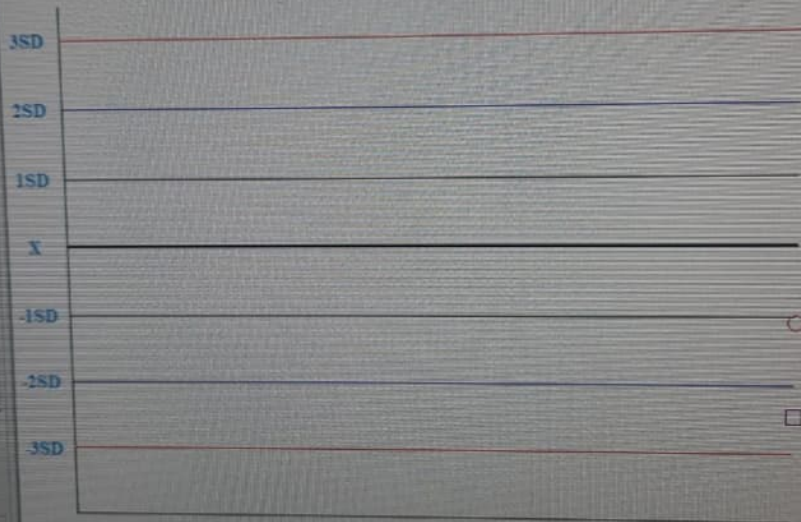
UMIN	ALP	ALT	AST
CIUM	IOLESTERC	CKMB	CKNAC
BILL	GGT	HDL	LDL
SPHORI	<b>T.BILL</b>	TGL	TOTAL PROTIEN
UREA	D-DIMER	CRP	LDH-L
RP Fusion	GLU IDEN		

QC Status



## Clinical chemistry QC Graph

Item [T.BILL], [2022-08-06-2022-08-09], [Between-days]--Multi-Rule



○ 1417UN

□ 1195UE

Detailed QC Result

Return

Items List  
13 1127281  
79 4102803

ALBUMIN	ALP	ALT	AST
AMYLASE	CALCIUM	CHOLESTEROL	CKMB
CKMB	CKNAC		
CREATININ	D.BILL	GGT	HDL
			LDL
MAGNESIUM	PHOSPHORU	T.BILL	TGL
			<b>TOTAL PROTIEN</b>
URIC ACID	UREA	D-DIMER	CRP
			LDH-L
FERRITIN	CRP Fraction	GLUCIDEN	

- QC List
- 1417UN
  - 1195UE

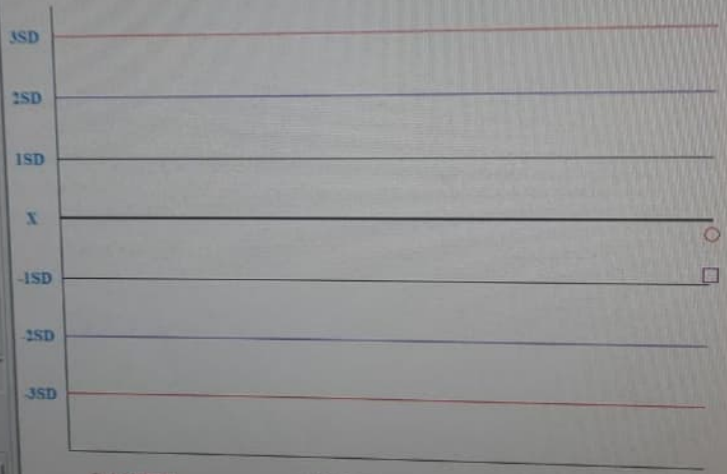
QC Status

Function Buttons

QC Curve - Between-days - Multi-Rule

Clinical chemistry QC Graph

Item [TOTAL PROTIEN], [2022-08-06-2022-08-09], [Between-days]-Multi-Rule



1417UN       1195UE

Start Date: 2022-08-06  
 End Date: 2022-08-09

Items List:
 

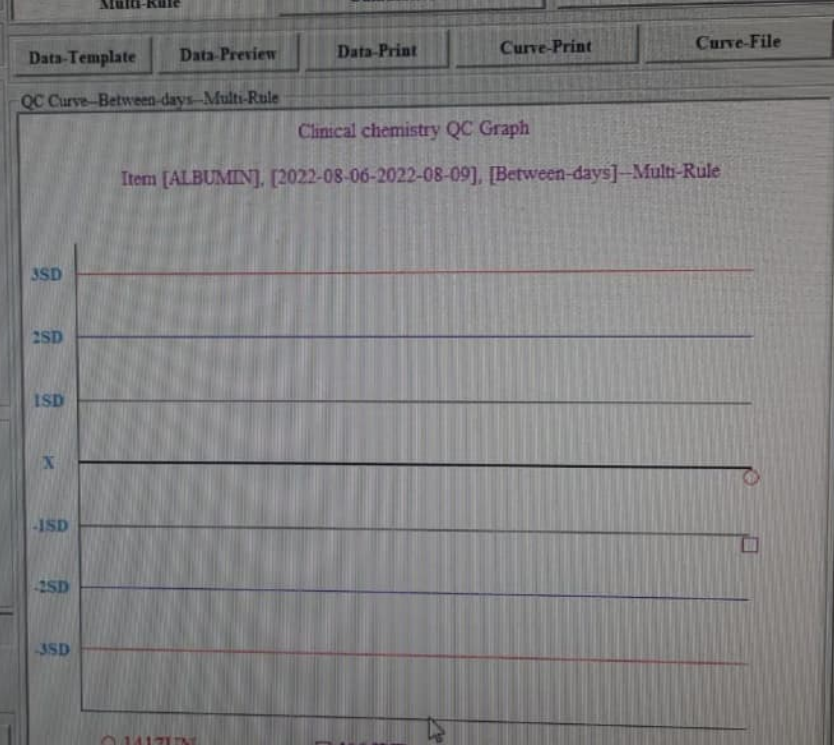
GLUCOSE	ALBUMIN	ALP	ALT	AST
AMYLASE	CALCIUM	CHOLESTEROL	CKMB	CKNAC
CREATININ	D.BILL	GGT	HDL	LDL
MAGNESIUM	PHOSPHORUS	T.BILL	TGL	TOTAL PROTEIN
URIC ACID	UREA	D-DIMER	CRP	LDH-L
FERRITIN	CRP Fusion	GLUCIDEN		

QC List:
 

- 1417UN
- 1195UE

QC Status:

Function buttons:
 Query
Detailed QC Result
Return





10-08-2022 18:57:29

13 1137313

79 419501

2-08-06

Within-day

Between-days

End Date  
2022-08-09

Multi-Rule

Cumulative sum

Twin Plot

Data-Template

Data-Preview

Data-Print

Curve-Print

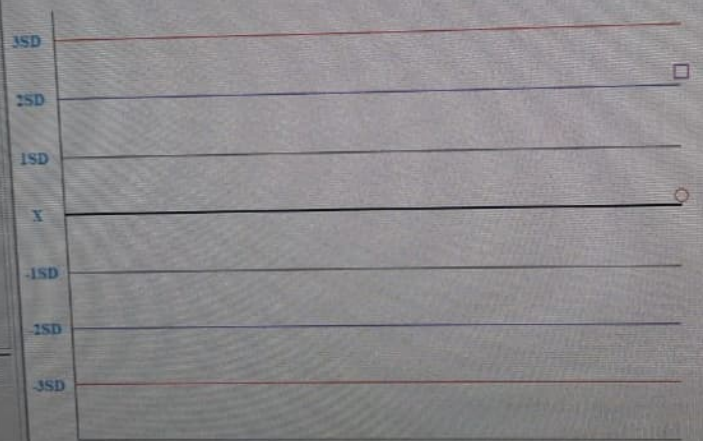
Curve-File

ALBUMIN	ALP	ALT	AST
CALCIUM	CHOLESTEROL	CKMB	CKNAC
D.BILL	GGT	HDL	LDL
PHOSPHORUS	T.BILL	TGL	TOTAL PROTEIN
UREA	D-DIMER	CRP	LDH-L
CRP Fusion	GLU IDEN		

QC Curve-Between-days-Multi-Rule

Clinical chemistry QC Graph

Item [TGL], [2022-08-06-2022-08-09], [Between-days]-Multi-Rule



QC Status  
1417UN  
1195UE

Function buttons

Query

Detailed QC Result

Return

○ 1417UN

□ 1195UE



QC result query

QC Type

 Real-time Within-day Between-days

Start Date

2022-08-01

End Date

2022-08-05

Items List

GLUCOSE	ALBUMIN	ALP	ALT	AST
AMYLASE	CALCIUM	CHOLESTEROL	CKMB	CKNAC
CREATININ	D.BILL	GGT	HDL	LDL
MAGNESIUM	PHOSPHORUS	T.BILL	TGL	TOTAL PROTEIN
URIC ACID	UREA	D-DIMER	CRP	LDH-L
FERRITIN	CRP Fusion	GLU IDEN		

QC List

 1417UN 1195UE

QC Status

QC Curve type

Multi-Rule

Cumulative sum

Twin Plot

Data-Template

Data-Preview

Data-Print

Curve-Print

Curve-File

QC Curve- Between-days- Multi-Rule

Clinical chemistry QC Graph

Item [CHOLESTEROL], [2022-08-01-2022-08-05], [Between-days]- Multi-Rule

3SD  
2SD  
1SD  
X  
-1SD  
-2SD  
-3SD

10-08-2022 18:55:24 End Date

2022-08-06 7328 2022-08-09

70-4194990

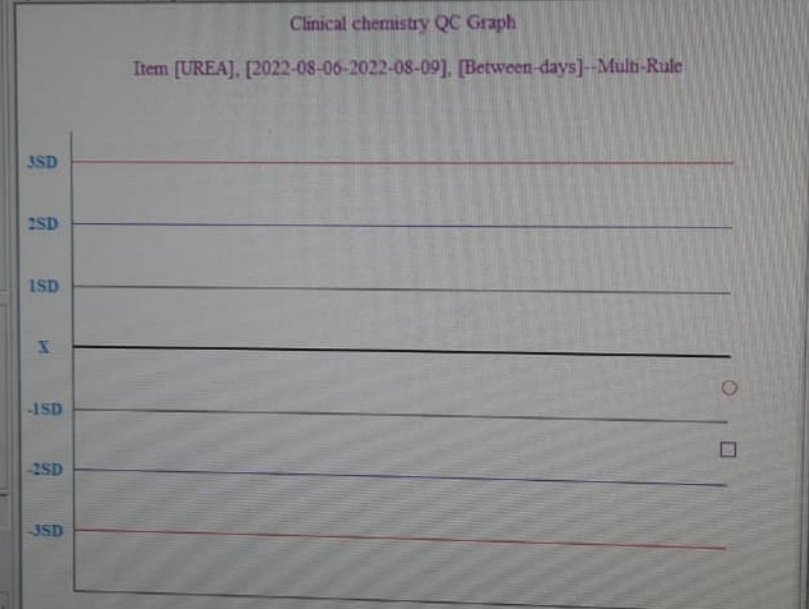
SE	ALBUMIN	ALP	ALT	AST
SE	CALCIUM	CHOLESTEROL	CKMB	CKNAC
MINI	D.BILL	GGT	HDL	LDL
GLUC	PHOSPHORU	T.BILL	TGL	TOTAL PROTIEN
CTD	UREA	D-DIMER	CRP	LDH-L
IN	CRP Fusion	GLU IDEN		

QC Status

7UN  
5UE

Data-Template    Data-Preview    Data-Print    Curve-Print    Curve-File

QC Curve-Between-days-Multi-Rule



Return buttons

Return    Detailed QC Result

○ 1417UN    □ 1195UE