



GLOBAL TECHNICAL SERVICES

Sec. No.25, Plot No.49/3, L.I.G. Colony, Pradhikaran, Nigdi, Pune - 411044

Email : globaltechnical007@gmail.com

Mob : 9921239827 / 7276470703 / 9028888728

CALIBRATION CERTIFICATE

1) Customer

Name & Address SP HITECH PATHOLOGY LABORATORY Trimurti Plaza,Near Pavana Sahakari Bank, Somatane Phata Talegaon Dabhade Somatane Phata,	Calibration Certificate No . : GTS/220525/02- 015 Page No : 1 of 2
Amb. Temp. : 25±5 °C	Date of Received : 25.05.2022
Relative Humidity : 50±20 %RH	Date of Calibration : 25.05.2022
Condition of Item : ok	Calibration Due On : 24.05.2023
	Location of Calibration : On Site

2) Details of UUC

Name : Urine Analyzer	Make : Aspen
ID No : SPHL/EQ/URA/05	Model : uriplus 200
Sr No : 210010041629	
Location : Clinical Patholgy	

3) STANDARD USED FOR CALIBRATION

Name : Electrical Safety Analyzer
Certificate No : 2020001300
Certified By : Fluke Biomedical, USA
ID/Sr No : 4885027
Due Date : 12.02.2023

4) CALIBRATION RESULTS : EST TEST

VISUAL TEST

Sr No	Parameter	Result
1	Power Cords, Cables Checking	OK
2	Mains Socket Checking	OK
3	Equipment Type (B, BF, CF)	B
4	Equipment Class (I, II, III)	I

B-Body Type,BF-Body Float Type,CF-Cardiac Float Type
I-Properly Earthed ,II-Double Insulation,III-With Extra Low Safety Voltage

FUNCTIONAL TEST

Sr No	Parameter	Observed	Tolerance	Result
1	Voltage between Live and Neutral (Vln)	235.84	(210-240V)	Pass
2	Voltage between Live and Earth(Vle)	236.95	(210-240V)	Pass
3	Voltage between Neutral and and Earth (Vne)	1.13	(0-5V)	Pass
4	Enclosure Current	0.50	(0-10µA)	Pass
5	Leakage Current (IL)	125.62	(0-500µA)	Pass
6	Patient Leakage Current (PL)	0.75	(BF-0-100µA) (CF-0-10µA)	Pass



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Calibration Certificate No .

GTS/220525/02- 015

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Note :

- 1)This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 2)This calibration results reported in the certificate are valid at the time of and the stated conditions of measurement.
- 3)Calibration Points were selected as per customer specification.
- 4)This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of GTS,Pune.
- 5) Procedure used for calibration : MD-05

Calibrated By

S.C

Calibration Engineer
Mr Shafik Chorgaste

RN-21/0



Approved By

Technical Manager
Mr. Swapnil Bhagwat

End of the certificate

July - 2022

Lot. No. → 2022 0120

Urine analyser (Uriplus 200)

Exp. -

19/01/2023
Date

Parameter & Range	16 July	17 July	18 July	19 July	20 July	21 July	22 July	23 July	24 July	25 July	26 July	27 July
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Glucose (2+ To 4+)	2+	2+	2+	2+	2+	2+	2+	2+	3+	3+	2+	
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Bilirubin (1+ To 3+)	3+	3+	3+	3+	3+	3+	3+	3+	3+	3+	3+	
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Ketone (1+ To 3+)	1+	1+	1+	1+	1+	+-	1+	1+	1+	+-	1+	
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Blood (1+ To 3+)	3+	3+	3+	2+	2+	3+	2+	3+	3+	3+	2+	
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Protein (2+ To 3+)	2+	2+	3+	2+	2+	2+	2+	2+	2+	2+	2+	
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Urobilinogen (1+ To 3+)	2+	1+	1+	3+	3+	3+	3+	2+	2+	2+	3+	
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Sp. Gravity (1.015 To 1.030)	1.020	1.025	1.025	1.025	1.025	1.025	1.025	1.020	1.020	1.025	1.025	
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pH (5.5 To 7.5)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
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Leukocytes (1+ To 3+)	3+	3+	3+	3+	3+	3+	3+	3+	3+	3+	3+	
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Nitrite (Positive)	Positive	Positive	Positive	Positive	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	
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Date:26-07-2022 08:16

No. 0016

*UBG	3+	>=135	umol/L
*BIL	3+	>=103	umol/L
*KET	1+	1.5	mmol/L
*BLD	2+	Ca80	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	2+	14	mmol/L
SG		1.025	
pH		6.0	

Date:25-07-2022 08:07

No. 0005

*UBG	2+	68	umol/L
*BIL	3+	>=103	umol/L
*KET	+-	0.5	mmol/L
*BLD	3+	>=Ca200	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	3+	28	mmol/L
SG		1.025	
pH		6.0	

Date:24-07-2022 08:28

No. 0006

*UBG	2+	68	umol/L
*BIL	3+	>=103	umol/L
*KET	1+	1.5	mmol/L
*BLD	3+	>=Ca200	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	3+	28	mmol/L
SG		1.020	
pH		6.0	

Date:23-07-2022 08:11

No. 0007

*UBG	2+	68	umol/L
*BIL	3+	>=103	umol/L
*KET	1+	1.5	mmol/L
*BLD	3+	>=Ca200	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	2+	14	mmol/L
SG		1.020	
pH		6.0	

Date:21-07-2022 08:03

No. 0011

*UBG	3+	>=135	umol/L
*BIL	3+	>=103	umol/L
*KET	+-	0.5	mmol/L
*BLD	3+	>=Ca200	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	2+	14	mmol/L
SG		1.025	
pH		6.0	

Date:22-07-2022 08:03

No. 0015

*UBG	3+	>=135	umol/L
*BIL	3+	>=103	umol/L
*KET	1+	1.5	mmol/L
*BLD	2+	Ca80	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	2+	14	mmol/L
SG		1.025	
pH		6.0	

Date:19-07-2022 08:02

No. 0013

*UBG	3+	>=135	umol/L
*BIL	3+	>=103	umol/L
*KET	1+	1.5	mmol/L
*BLD	2+	Ca80	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	2+	14	mmol/L
SG		1.025	
pH		6.0	

Date:20-07-2022 08:11

No. 0014

*UBG	3+	>=135	umol/L
*BIL	3+	>=103	umol/L
*KET	1+	1.5	mmol/L
*BLD	2+	Ca80	Ery/uL
*PRO	2+	1.0	g/L
*NIT	Pos		
*LEU	3+	>=Ca500	Leu/uL
*GLU	2+	14	mmol/L
SG		1.025	
pH		6.0	