



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- 013
		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	: Clinical Chemistry Analyzer	Make	: AGD Biomedical Pvt. Ltd
ID No	: SPHL/EQ/FCC/03	Model	: AGD 2260
Sr No	: K3E0911L		
Location	: Biochimstery		

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	Obsereved	Tolerance	Result
1	Voltage between Live and Neutral (Vln)	235.57	(210-240V)	Pass
2	Voltage between Live and Earth(Vle)	238.21	(210-240V)	Pass
3	Voltage between Neutral and and Earth (Vne)	2.79	(0-5V)	Pass
4	Enclosure Current	0.67	(0-10µA)	Pass
5	Leakage Current (IL)	122.64	(0-500µA)	Pass
6	Patient Leakage Current (PL)	0.65	(BF-0-100µA) (CF-0-10µA)	Pass



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Calibration Certificate No .

GTS/220525/02-013

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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



Approved By

Technical Manager
Mr. Swapnil Bhagwat

RN-21/0

** End of the certificate **

QC.results

Density	Normal	Range	16-07-2022 — 26-07-2022		Print Data	26-07-2022 12:49:22	
No.	Item	Lower	High	QC Lot Number	Actual	Check date	Read time
1	UREA	37.3	50.5	1543UN	50.11	16-07-2022	09:04:37
2	SGOT	29	43	1543UN	42.85	16-07-2022	09:06:21
3	TB	1.33	2.03	1543UN	1.74	16-07-2022	09:06:35
4	TP	4.59	6.89	1543UN	5.1	16-07-2022	09:06:48
5	DB	0.889	1.35	1543UN	1.18	16-07-2022	09:06:58
6	TG	81.2	112	1543UN	101.34	16-07-2022	09:08:16
7	CHOL	137	177	1543UN	154.22	16-07-2022	09:09:37
8	HDL	46.7	62.9	1543UN	47.88	16-07-2022	09:20:26
9	CRE	1.18	1.76	1543UN	1.24	16-07-2022	09:27:48
10	SGPT	33	49	1543UN	35.0	16-07-2022	09:29:57
11	ALP	173	233	1543UN	194	16-07-2022	09:31:40
12	ALB	3.45	4.67	1543UN	4.31	16-07-2022	09:32:28
13	GLU	94.4	128	1543UN	94.85	16-07-2022	09:36:06
14	CRE	1.18	1.76	1543UN	1.34	17-07-2022	09:22:35
15	SGPT	33	49	1543UN	41.78	17-07-2022	09:25:31
16	ALP	173	233	1543UN	194	17-07-2022	09:26:34
17	TB	1.33	2.03	1543UN	1.75	17-07-2022	09:26:40
18	TP	4.59	6.89	1543UN	4.9	17-07-2022	09:26:52
19	ALB	3.45	4.67	1543UN	4.67	17-07-2022	09:27:45
20	CHOL	137	177	1543UN	150.22	17-07-2022	09:29:40
21	UREA	37.3	50.5	1543UN	47.63	17-07-2022	09:53:15
22	SGOT	29	43	1543UN	42.51	17-07-2022	09:55:02
23	DB	0.889	1.35	1543UN	1.08	17-07-2022	09:56:23
24	TG	81.2	112	1543UN	88.77	17-07-2022	09:57:53
25	GLU	94.4	128	1543UN	95.40	17-07-2022	10:01:11
26	HDL	46.7	62.9	1543UN	50.40	17-07-2022	10:08:30
27	CRE	1.18	1.76	1543UN	1.34	18-07-2022	09:40:32
28	UREA	37.3	50.5	1543UN	44.37	18-07-2022	09:42:39
29	SGPT	33	49	1543UN	42.75	18-07-2022	09:43:28
30	SGOT	29	43	1543UN	40.13	18-07-2022	09:44:23
31	ALP	173	233	1543UN	203	18-07-2022	09:44:31
32	TB	1.33	2.03	1543UN	1.90	18-07-2022	09:44:37
33	TP	4.59	6.89	1543UN	5.0	18-07-2022	09:44:49
34	DB	0.889	1.35	1543UN	1.16	18-07-2022	09:45:00
35	ALB	3.45	4.67	1543UN	4.61	18-07-2022	09:45:42
36	CHOL	137	177	1543UN	170.19	18-07-2022	09:47:38
37	TG	81.2	112	1543UN	92.54	18-07-2022	10:11:33
38	GLU	94.4	128	1543UN	98.23	18-07-2022	10:15:00
39	HDL	46.7	62.9	1543UN	51.51	18-07-2022	10:42:13
40	SGPT	33	49	1543UN	42.48	19-07-2022	09:33:45
41	ALP	173	233	1543UN	198	19-07-2022	09:34:49
42	TB	1.33	2.03	1543UN	1.81	19-07-2022	09:34:54
43	TP	4.59	6.89	1543UN	5.0	19-07-2022	09:35:06
44	HDL	46.7	62.9	1543UN	57.99	19-07-2022	09:48:45
45	CRE	1.18	1.76	1543UN	1.38	19-07-2022	09:58:49
46	SGOT	29	43	1543UN	41.02	19-07-2022	10:01:10
47	GLU	94.4	128	1543UN	98.61	19-07-2022	10:07:32

QC.results

Density	Normal	Range	16-07-2022	—	26-07-2022	Print Data	26-07-2022 12:49:22
No.	Item	Lower	High	QC Lot Number	Actual	Check date	Read time
48	DB	0.889	1.35	1543UN	1.20	19-07-2022	10:22:33
49	CHOL	137	177	1543UN	156.89	19-07-2022	10:23:17
50	ALB	3.45	4.67	1543UN	4.06	19-07-2022	10:23:48
51	TG	81.2	112	1543UN	85.92	19-07-2022	10:24:09
52	UREA	37.3	50.5	1543UN	50.40	19-07-2022	10:30:09
53	GLU	94.4	128	1543UN	103.08	20-07-2022	09:27:47
54	TG	81.2	112	1543UN	97	20-07-2022	10:21:59
55	CRE	1.18	1.76	1543UN	1.32	20-07-2022	10:57:50
56	DB	0.889	1.35	1543UN	0.95	20-07-2022	11:01:54
57	SGOT	29	43	1543UN	32.0	20-07-2022	11:02:11
58	TP	4.59	6.89	1543UN	5.2	20-07-2022	11:02:26
59	UREA	37.3	50.5	1543UN	45.00	20-07-2022	12:41:40
60	SGPT	33	49	1543UN	40.41	20-07-2022	12:43:03
61	TB	1.33	2.03	1543UN	1.80	20-07-2022	12:44:35
62	ALP	173	233	1543UN	176	20-07-2022	12:44:42
63	ALB	3.45	4.67	1543UN	4.62	20-07-2022	12:45:27
64	CHOL	137	177	1543UN	170.11	20-07-2022	12:46:21
65	HDL	46.7	62.9	1543UN	56.00	20-07-2022	12:57:36
66	CRE	1.18	1.76	1543UN	1.40	21-07-2022	09:10:39
67	SGOT	29	43	1543UN	33	21-07-2022	09:14:29
68	ALP	173	233	1543UN	208	21-07-2022	09:14:38
69	TP	4.59	6.89	1543UN	4.9	21-07-2022	09:14:55
70	GLU	94.4	128	1543UN	106.03	21-07-2022	09:18:55
71	UREA	37.3	50.5	1543UN	39.5	21-07-2022	09:28:34
72	TB	1.33	2.03	1543UN	1.59	21-07-2022	09:41:38
73	ALB	3.45	4.67	1543UN	4.50	21-07-2022	09:42:53
74	TG	81.2	112	1543UN	95	21-07-2022	09:43:16
75	SGPT	33	49	1543UN	44.72	21-07-2022	10:04:39
76	DB	0.889	1.35	1543UN	1.00	21-07-2022	10:06:00
77	CHOL	137	177	1543UN	169.34	21-07-2022	10:07:55
78	HDL	46.7	62.9	1543UN	50.18	21-07-2022	10:18:34
79	SGPT	33	49	1543UN	44.10	22-07-2022	09:04:47
80	SGOT	29	43	1543UN	41.40	22-07-2022	09:05:41
81	ALP	173	233	1543UN	206	22-07-2022	09:05:50
82	TG	81.2	112	1543UN	92.44	22-07-2022	09:07:36
83	GLU	94.4	128	1543UN	105.92	22-07-2022	09:10:06
84	UREA	37.3	50.5	1543UN	45.55	22-07-2022	09:30:11
85	CRE	1.18	1.76	1543UN	1.5	22-07-2022	09:30:20
86	TB	1.33	2.03	1543UN	1.5	22-07-2022	09:34:02
87	DB	0.889	1.35	1543UN	1.1	22-07-2022	09:34:10
88	TP	4.59	6.89	1543UN	5.5	22-07-2022	09:34:37
89	ALB	3.45	4.67	1543UN	4.1	22-07-2022	09:35:02
90	CHOL	137	177	1543UN	145.22	22-07-2022	09:35:23
91	HDL	46.7	62.9	1543UN	48.05	22-07-2022	09:45:59
92	CRE	1.18	1.76	1543UN	1.32	23-07-2022	09:14:52
93	UREA	37.3	50.5	1543UN	5.05	23-07-2022	09:16:59
94	SGPT	33	49	1543UN	43.10	23-07-2022	09:17:48

QC.results

Density	Normal	Range	16-07-2022	—	26-07-2022	Print Data	26-07-2022 12:49:22
No.	Item	Lower	High	QC Lot Number	Actual	Check date	Read time
95	SGOT	29	43	1543UN	42.81	23-07-2022	09:18:42
96	TP	4.59	6.89	1543UN	4.8	23-07-2022	09:19:09
97	ALB	3.45	4.67	1543UN	0.00	23-07-2022	09:20:03
98	TG	81.2	112	1543UN	0.90	23-07-2022	09:20:38
99	GLU	94.4	128	1543UN	104.29	23-07-2022	09:23:08
100	HDL	46.7	62.9	1543UN	50.22	23-07-2022	09:32:48
101	UREA	37.3	50.5	1543UN	45.59	23-07-2022	09:42:32
102	ALP	173	233	1543UN	175	23-07-2022	09:46:10
103	TB	1.33	2.03	1543UN	1.5	23-07-2022	09:46:10
104	DB	0.889	1.35	1543UN	0.9	23-07-2022	09:46:23
105	ALB	3.45	4.67	1543UN	4.15	23-07-2022	09:47:21
106	CHOL	137	177	1543UN	150.55	23-07-2022	09:47:33
107	TG	81.2	112	1543UN	99.01	23-07-2022	09:47:51
108	CRE	1.18	1.76	1543UN	1.33	24-07-2022	09:28:44
109	SGPT	33	49	1543UN	40.76	24-07-2022	09:31:40
110	SGOT	29	43	1543UN	42.33	24-07-2022	09:32:34
111	ALP	173	233	1543UN	196	24-07-2022	09:32:43
112	TP	4.59	6.89	1543UN	4.8	24-07-2022	09:33:01
113	GLU	94.4	128	1543UN	94.52	24-07-2022	09:37:00
114	TB	1.33	2.03	1543UN	1.66	24-07-2022	10:18:00
115	ALB	3.45	4.67	1543UN	4.66	24-07-2022	10:19:17
116	CHOL	137	177	1543UN	173.49	24-07-2022	10:19:30
117	UREA	37.3	50.5	1543UN	48.14	24-07-2022	10:38:20
118	DB	0.889	1.35	1543UN	1.22	24-07-2022	10:42:07
119	TG	81.2	112	1543UN	98.79	24-07-2022	10:43:41
120	HDL	46.7	62.9	1543UN	47.51	24-07-2022	10:53:37
121	CRE	1.18	1.76	1543UN	1.30	25-07-2022	09:17:37
122	UREA	37.3	50.5	1543UN	47.55	25-07-2022	09:19:44
123	SGPT	33	49	1543UN	46.21	25-07-2022	09:20:34
124	SGOT	29	43	1543UN	41.01	25-07-2022	09:21:28
125	ALP	173	233	1543UN	192	25-07-2022	09:21:37
126	TB	1.33	2.03	1543UN	1.5	25-07-2022	09:21:42
127	TP	4.59	6.89	1543UN	5.0	25-07-2022	09:21:54
128	TG	81.2	112	1543UN	90.55	25-07-2022	09:23:23
129	GLU	94.4	128	1543UN	100.60	25-07-2022	09:25:53
130	ALB	3.45	4.67	1543UN	3.7	25-07-2022	10:08:08
131	HDL	46.7	62.9	1543UN	46.88	25-07-2022	10:19:03
132	DB	0.889	1.35	1543UN	1.03	25-07-2022	10:30:28
133	CHOL	137	177	1543UN	170.00	25-07-2022	10:31:36
134	CRE	1.18	1.76	1543UN	1.32	26-07-2022	09:32:26
135	SGPT	33	49	1543UN	44.75	26-07-2022	09:35:22
136	SGOT	29	43	1543UN	41.24	26-07-2022	09:36:17
137	ALP	173	233	1543UN	185	26-07-2022	09:36:25
138	TB	1.33	2.03	1543UN	1.95	26-07-2022	09:36:31
139	TP	4.59	6.89	1543UN	4.7	26-07-2022	09:36:43
140	CHOL	137	177	1543UN	166.03	26-07-2022	09:39:32
141	GLU	94.4	128	1543UN	102.36	26-07-2022	09:40:42

QC.results

Density	Normal	Range	16-07-2022	—	26-07-2022	Print Data	26-07-2022 12:49:22
No.	Item	Lower	High	QC Lot Number	Actual	Check date	Read time
142	DB	0.889	1.35	1543UN	0.90	26-07-2022	10:02:38
143	HDL	46.7	62.9	1543UN	47.55	26-07-2022	10:14:02
144	UREA	37.3	50.5	1543UN	51.22	26-07-2022	11:34:13
145	ALB	3.45	4.67	1543UN	4.61	26-07-2022	11:39:21
146	TG	81.2	112	1543UN	85.30	26-07-2022	11:39:33
147	UREA	37.3	50.5	1543UN	45.44	26-07-2022	12:21:35