



# 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,  
Amb. Temp. : 25±5 °C  
Relative Humidity : 50±20 %RH  
Condition of Item : ok

Calibration Certificate No. : GTS/220525/02-011  
Page No : 1 of 2  
Date of Received : 25.05.2022  
Date of Calibration : 25.05.2022  
Calibration Due On : 24.05.2023  
Location of Calibration : On Site

### 2) Details of UUC

Name : Blood Cell Counter  
ID No : SPHL/EQ/BCC/01  
Sr No : 1740707210744  
Location : Hematology  
Make : AGD Biomedical Pvt. Ltd  
Model : AGD300

### 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)	236.15	(210-240V)	Pass
3	Voltage between Neutral and Earth (Vne)	2.43	(0-5V)	Pass
4	Enclosure Current	0.84	(0-10µA)	Pass
5	Leakage Current (IL)	121.33	(0-500µA)	Pass
6	Patient Leakage Current (PL)	0.62	(BF-0-100µA) (CF-0-10µA)	Pass



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Calibration Certificate No .

GTS/220525/02- 011

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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 \*\*

Analyzer SN 1.74E+12

File No. Lot No. Level Exp.Date Mode QC Type QC Sample ID

12 B0522 High 8/5/2022 Whole Blood

No.	Date	Time	WBC( $10^3$ )	Lym#( $10^3$ )	Mid#( $10^3$ )	Gran#( $10^3$ )	Lym%(%)	Mid%(%)	Gran%(%)	RBC( $10^6$ /l)	HGB(g/dL)	HCT(%)	MCV(fL)	MCH(pg)	MCHC(g/dL)	RDW-CV(%)	RDW-SD(fL)	PLT( $10^3$ /l)	MPV(fL)
Target	/	/	21.1	2.6	0.8	17.7	12.2	3.9	83.9	5.42	19	53.1	98.1	35	35.7	13.8		487	
Limit(#)	/	/	2.5	1.3	0.8	1.7	6	3.9	8	0.3	0.8	2.4	5	2.5	3	3		60	
18	7/26/2022	8:28	21.69	2.32	0.98	18.39	10.7	4.5	84.8	5.67	18.5	55.5	97.9	32.6	33.3	15.4	60.5	507	10
17	7/25/2022	9:39	22.06	2.45	0.97	18.64	11.1	4.4	84.5	5.65	18.4	55.5	98.2	32.7	33.2	14.8	59.7	504	10
16	7/24/2022	8:45	21.64	2.32	0.93	18.39	10.7	4.3	85	5.62	18.3	54.4	96.8	32.5	33.6	15.1	59.4	486	10.3
15	7/23/2022	8:48	21.59	2.35	0.91	18.33	10.9	4.2	84.9	5.58	18.3	55.5	99.5	32.8	33	14.9	58.5	494	9.9
14	7/22/2022	8:32	21.61	2.25	0.93	18.43	10.4	4.3	85.3	5.67	18.3	54.4	95.9	32.3	33.6	15.3	60.4	475	10.2
13	7/21/2022	8:48	22.29	2.27	0.96	19.06	10.2	4.3	85.5	5.66	18.7	54.5	96.3	33	34.3	15.1	59.2	498	10.1
12	7/20/2022	9:05	21.5	2.34	0.92	18.24	10.9	4.3	84.8	5.51	18.3	53.6	97.3	33.3	34.1	15.2	59.2	479	9.9
11	7/19/2022	8:42	21.64	2.29	0.95	18.4	10.6	4.4	85	5.6	18.5	54.4	97.1	33	34	15.2	59	506	10
10	7/18/2022	8:58	21.94	2.28	1.01	18.65	10.4	4.6	85	5.61	18.6	55.4	98.8	33.2	33.6	15.3	59.3	481	10.2
9	7/17/2022	9:01	21.63	2.42	0.91	18.3	11.2	4.2	84.6	5.59	18.6	55.5	99.3	33.2	33.5	15.4	60.2	484	10.1
8	7/16/2022	8:44	21.42	2.21	0.88	18.33	10.3	4.1	85.6	5.58	18.5	54.5	97.7	33.2	33.9	15.2	59.2	500	10.1
7	7/15/2022	10:58	21.42	2.36	0.9	18.16	11	4.2	84.8	5.67	18.2	54.5	96.1	32.1	33.4	15.3	59.4	504	10.3
6	7/14/2022	8:48	21.2	2.31	0.93	17.96	10.9	4.4	84.7	5.68	18.4	54.5	96	32.4	33.8	15.2	58.4	487	10
5	7/13/2022	8:26	21.44	2.19	0.94	18.31	10.2	4.4	85.4	5.57	18.2	54.7	98.2	32.7	33.3	15.1	58.1	471	10
4	7/12/2022	8:23	21.31	2.17	0.87	18.27	10.2	4.1	85.7	5.53	18.6	54.7	98.9	33.7	34	15.1	58.1	496	10
3	7/11/2022	9:11	21.4	2.2	0.94	18.26	10.3	4.4	85.3	5.69	18.4	55.1	96.8	32.4	33.4	15.3	58.2	502	9.9
2	7/10/2022	8:35	21.46	2.15	0.88	18.43	10	4.1	85.9	5.54	18.3	53.4	96.5	33.2	34.4	15.2	57.7	477	10.1
1	7/9/2022	9:12	21.26	2.19	0.89	18.18	10.3	4.2	85.5	5.51	18.2	54.5	98.9	33.1	33.4	14.7	58.8	482	10

PDW-CV(% PDW-SD(fL PCT(%) P-LCR(%)

15	14.9	0.49	29.4
14.9	15	0.484	30.9
15	15.6	0.503	30
14.9	14.9	0.473	29.3
15.1	15.6	0.508	29.5
15.4	16.4	0.49	31.5
14.4	14.7	0.489	30.1
15.2	15.7	0.501	30
15	15.8	0.517	31.6
15.3	15.9	0.486	30.2
14.3	14.4	0.469	29.7
14.9	15.4	0.495	29.9
14.9	15	0.498	29.8
15.6	16.4	0.481	30.8
15.2	15.8	0.484	30.1
15.3	15.6	0.505	29.4
15.1	15.8	0.505	30.1
15.2	15.8	0.498	30.8