



CALIBRATION CERTIFICATE

Customer Name: U-Lab at Medicare Hospital, Indore (A unit of Lahoti Medicare Pvt. Ltd.) **Date** 13 May 2022

Model : Semi Automated Biochemistry Analyzer Chem 7

SL. NO. N110714

Functional Check:

1	Pump Calibration									2062
(Calibrate the Peristaltic pump.)										
2	Key Functions									Pass
(Confirm all keys function & keys not hard to press)										
3	Printer Test									Pass
(Confirm that all characters printed w/o gap & are clearly redeable. -										
4	Buzzer									Pass
(Confirm buzzer beeps when press any key)										
5	VOLTAGE CHECK	Required				Actual Voltage				
	LAMP VOLT TEST +12V	12V (+/- 0.5V)				11.68V				
	LINE VOLT	230V (+/- 10V)				228v				
	SMPS	17V/ DC to 19V /DC				17.7V				
	TEST +5V	5.01V (+/- 0.5V)				5.1V				
	TEST +12 V	12.00V (+/- 0.5V)				12.1V				
6	PRE & LOG CHANNEL READINGS FOR THE FILTER									
Filter		340	405	450	505	546	578	630	670	Range
Gains	169k	169k	170k	170k	170k	172k	171k	169k		30k ~ 200k
Offset	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	NA

All above test has been performed and it passed .
 This is to certify that the above mentioned Automated Biochemistry Analyzer IS Technically Calibrated and it is working OK.



Technical Service Deptt. -
 Transasia Bio-Medicals Ltd.



1/06/2022

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Date	Glucose		Urea		Creatinine		Cholesterol		Triglyceride		Uric Acid		Protein		Sign.
	N	P	N	P	N	P	N	P	N	P	N	P	N	P	
1 Range	81-112	214-235	26-41	101-157	1.2-1.9	3.3-5.2	184-178	162-217	82-119	182-262	4.8-6.4	6.0-7.9	5.4-6.7	7.4-9.3	
STD	96	254	38	129	1.5	4.3	156	190	101	222	5.6	7	6.1	8.3	
1/06/22	98	314	32	130	1.4	5.0	154	222	83	187	5.1	8.1	5.2	6.9	Mgmt
2/6/22	99	311	33	135	1.4	5.0	157	222	84	188	5.1	8.3	5.9	7.6	Mgmt
3/6/22	97	311	32	132	1.3	5.0	152	224	81	184	4.9	8.2	5.6	7.4	Mgmt
4/6/22	99	314	32	132	1.3	4.9	159	225	82	184	5.1	8.3	5.3	7.0	Mgmt
5/6/22	96	311	33	136	1.3	5.0	166	226	82	183	5.0	8.3	5.5	7.2	Mgmt
6/6/22	99	309	33	134	1.4	5.1	161	228	82	183	5.1	8.3	5.4	7.1	Mgmt
7/6/22	102	320	35	141	1.3	5.1	161	230	82	188	5.0	8.2	5.5	7.3	Mgmt
8/6/22	99	324	32	138	1.3	4.9	167	235	85	189	5.0	8.3	5.3	7.0	Mgmt
9/6/22	101	345	30	124	1.4	5.2	155	213	82	183	5.5	9.6	5.9	8.0	Mgmt
10/6/22	101	349	30	122	1.4	5.3	137	211	83	182	5.5	9.4	5.7	7.7	Mgmt
11/6/22	100	347	29	120	1.4	5.3	136	213	81	180	5.5	9.2	5.9	8.0	Mgmt
12/6/22	99	347	29	123	1.4	5.5	137	216	81	187	5.5	9.4	5.7	7.9	Mgmt
13/6/22	99	342	29	122	1.4	5.4	136	210	79	181	5.4	9.2	5.4	7.5	Mgmt
14/6/22	99	344	29	120	1.4	5.4	137	212	81	182	6.0	10.2	5.8	7.9	Mgmt
15/6/22	101	338	28	117	1.4	5.2	138	209	80	178	6.0	9.8	5.4	7.3	Mgmt
16/6/22	102	351	29	125	1.4	5.6	141	213	82	182	6.2	10.2	6.1	8.2	RAHUL
17/6/22	100	335	29	122	1.3	5.5	136	214	79	179	5.9	10.1	5.8	8.1	Mgmt
18/6/22	99	343	36	160	1.4	5.5	138	215	79	177	6.0	10.3	5.4	7.5	Mgmt
19/6/22	101	348	38	156	1.4	5.6	142	219	84	187	6.0	10.1	5.7	8.1	Mgmt
20/6/22	99	349	38	153	1.4	5.6	141	217	82	186	6.0	10.2	5.9	8.2	Mgmt
21/6/22	100	346	38	157	1.4	5.5	143	219	83	189	6.0	10.1	5.7	8.1	Mgmt
22/6/22	97	345	41	158	1.4	5.4	143	222	80	184	6.1	10.0	5.4	7.6	Mgmt
23/6/22	99	348	37	158	1.4	5.4	143	213	82	187	6.0	10.0	5.8	8.1	Mgmt
24/6/22	100	344	37	157	1.4	5.4	140	217	80	179	6.0	10.0	5.7	7.8	Mgmt
25/6/22	100	347	38	156	1.4	5.4	142	221	79	181	6.0	10.0	5.3	7.6	Mgmt
26/6/22	100	348	41	171	2.3	3.4	145	224	81	183	6.1	10.1	5.9	8.1	Mgmt Gowishankar.
27/6/22	103	329	40	154	2.9	3.3	148	210	88	171	6.2	9.4	5.8	7.8	Mgmt
28/6/22	99.3	326	39	148	1.3	5.2	140	215	84	177	6.1	9.7	5.4	7.3	Mgmt @Jadhav
29/6/22	88	298	36	152	1.4	5.3	147	218	87	183	6.5	10.1	5.8	7.7	Mgmt @Jadhav