

Calibration Certificate

Calibration Report

**Name of the customer:** SRL DIAGNOSTIC LTD. DANKUNI

**Instrument type:** Fully Auto Bio-Chemistry Analyser

**Model number:** Sphera

**Serial number:** 201878003

**Date of Calibration :** 13.12.2021

**Next Calibration Due Date :** 13.06.2022

**Power checks:**

Power supply

AC 229.8V-50 Hz

Plug top

5 Amps

Earth voltage

1.1 Volt

**Calibration :**

Clean Dust from Instrument's inside & outside. Check & Done  
Mechanical calibration.

**Instrument performance Check :**

- |                                       |         |         |
|---------------------------------------|---------|---------|
| 1. Filter Gain Check for all Filter - | Checked | Passed  |
| 2. Reaction Cuvette Blank Check :     | Checked | Passed. |
| 3. Calibration of all Parameter :     | Done    | Passed. |

**Operational check:**

Precision test

Checked

Passed

Quality control test

Checked

Passed

The equipment Sphera, serial. No: **201878003** is Calibrated.

The operational and performance is done and observations are:

- (1) All system components are operating correctly.
- (2) All tests were carried out in accordance with qualification protocol and standard operating procedure.
- (3) The performance of the Sphera (s/n **201878003**) is as per *the* acceptance criteria.
- (4) This Calibration Valid for 06 ( Six ) months.

  
Service Engineer

Date: 13.12.21

**Accurex Biomedical Pvt.Ltd** 212, Udyog Mandir No. 1, 7-C, Bhagoji Keer Marg, Mahim, Mumbai - 400 016  
(INDIA)

☎: (9122) 6744,6744, Fax : (9122) 67446755 E-Mail : [accurex@vsnl.com](mailto:accurex@vsnl.com) Website:<http://www.accurexbiomedical.com>

**Call Attendance Report**

Job No.		Report No.	<b>3213</b>
Date	<b>13/12/2021</b>	Name of Engineer	<b>Chandan Mondal</b>
Type of Customer	<input checked="" type="checkbox"/> Warranty	<input type="checkbox"/> AMC	<input type="checkbox"/> Non AMC
	<input type="checkbox"/> RR	<input type="checkbox"/> Others	

Laboratory Name & Address		Complaint Received	Purpose of Visit
<b>SRL Diagnostics</b> prabhat sandhya Appt, Ward no-13, Dankuni, Hoogly, W.B. -712311.		Installation	<input checked="" type="checkbox"/>
		Test	<input type="checkbox"/>
		Emergency Call	<input type="checkbox"/>
		Pre-Installation	<input type="checkbox"/>
Contact person	<b>Mr. Debiprasad</b>	Duration	h h m m PM <input checked="" type="checkbox"/>
Contact No.	<b>9734240492</b>	Work Carried Out At	<input checked="" type="checkbox"/> Site <input type="checkbox"/> Office
Email ID		Serial No.	<b>201878003</b>
Instrument Model	<b>Sphera</b>	Any damage noticed before service	<b>-</b>
Nature of Complaint	<b>preventive maintenance</b>	Engineer's diagnosis <b>Distilled water tank for 20L &amp; cleaning solution tank for 2L dirty. Need to clean both tank once in a month.</b>	
Action taken	<b>Clean both tanks, clean all reaction cassettes manually, check all mechanical calibration, run special needle wash, cassette wash manually, run start up cycle.</b>		

**Part Replacement & Repair Estimate Approval**

S/N	Code No	Parts Description	Qty	Unit Price (Rs.)	Total Price (Rs.)

The above mentioned part replacement & total service charge have been approved to proceed for necessary service/repair.

Cost of Parts

Service Charge

Tax

Total

FOR BILLABLE TRANSACTIONS : Customer may kindly note that this CAR duly signed and stamped will be treated as Purchase Order from you. If it does not meet your internal procedural requirement, you may treat this as quotation and issue us a separate order. This estimate is valid for next 30 days from date mentioned here.

Status after the Service	<input checked="" type="checkbox"/> Functioning Normally	<input type="checkbox"/> Functioning but requires action
	<input type="checkbox"/> Under Observation	<input type="checkbox"/> Referred to Service Centre
Pending job, if any		

To avail continued engineering services of Accurex AMC / RR to be renewed from

d d m m y y y y

for Accurex Biomedical Pvt. Ltd.

for Customer

Remarks	<b>preventive maintenance done correctly</b>	Remarks	<b>SRL Limited</b>
Signature	<b>Mondal</b>	Signature & Seal	<b>PRABHAT SANDHYA APPT.</b>
Name	<b>13/12/2021</b>	Name	<b>Marigala Ward No.-13</b>
Date	d d m m y y y y	Date	<b>Dankuni, Hoogly, 712311</b>
			<b>13/12/2021</b>

Customer Copy

Default laboratory  
(to be replaced)

Laboratory name  
- SRL DANKUNILAB.

N°	Method	Samp ID/Name/FamilyName	Type	Dil.	Status	OD1	OD2	Result	Date
1	ALB	ACCUCAL-00A23920	S2	1.00		0.6051	0.0489	0.5284	12/13/21 08:50
2	ALB	ACCUCAL-00A23920	S3	1.00		0.6145	0.1401	0.4466	12/13/21 08:51
3	ALP	ACCUCAL-00A23920	S1	1.00		0.1431	0.0000	0.1431	12/13/21 08:52
4	ALP	ACCUCAL-00A23920	S2	1.00		0.1440	0.0000	0.144	12/13/21 08:53
5	ALP	ACCUCAL-00A23920	S3	1.00		0.1405	0.0000	0.1405	12/13/21 08:54
6	BUN	ACCUCAL-00A23920	S1	1.00		1.1018	1.1776	-0.0758	12/13/21 08:54
7	BUN	ACCUCAL-00A23920	S2	1.00		1.1098	1.1846	-0.0748	12/13/21 08:55
8	BUN	ACCUCAL-00A23920	S3	1.00		1.1069	1.1879	-0.081	12/13/21 08:57
9	CRTENZ	ACCUCAL-00A23920	S1	1.00		0.1628	0.0151	26.3411	12/13/21 08:57
10	GGT	ACCUCAL-00A23920	S1	1.00		0.0480	0.0000	0.048	12/13/21 09:00
11	GGT	ACCUCAL-00A23920	S2	1.00		0.0487	0.0000	0.0487	12/13/21 09:00
12	GGT	ACCUCAL-00A23920	S3	1.00		0.0481	0.0000	0.0481	12/13/21 09:01
13	HDLC	ACCUCAL-00A23920	S1	1.00		0.2043	0.0559	0.1457	12/13/21 09:02
14	HDLC	ACCUCAL-00A23920	S2	1.00		0.2039	0.0809	0.1203	12/13/21 09:03
15	HDLC	ACCUCAL-00A23920	S3	1.00		0.2004	0.0573	0.1404	12/13/21 09:03
16	LDH	ACCUCAL-00A23920	S1	1.00		-0.0577	0.0000	-0.0577	12/13/21 09:04
17	LDH	ACCUCAL-00A23920	S2	1.00		-0.0571	0.0000	-0.0571	12/13/21 09:10
18	LDH	ACCUCAL-00A23920	S3	1.00		-0.0560	0.0000	-0.056	12/13/21 09:17
19	SGPT	ACCUCAL-00A23920	S1	1.00		-0.0158	0.0000	-0.0158	12/13/21 09:20
20	SGPT	ACCUCAL-00A23920	S2	1.00		-0.0165	0.0000	-0.0165	12/13/21 09:21
21	SGPT	ACCUCAL-00A23920	S3	1.00		-0.0151	0.0000	-0.0151	12/13/21 09:24
22	TBIL	ACCUCAL-00A23920	S1	1.00		0.2802	0.0647	0.2135	12/13/21 09:25
23	TBIL	ACCUCAL-00A23920	S2	1.00		0.2849	0.0630	0.2199	12/13/21 09:26
24	TBIL	ACCUCAL-00A23920	S3	1.00		0.1675	-0.0406	0.2061	12/13/21 09:27
25	TG	ACCUCAL-00A23920	S1	1.00		0.1583	-0.0771	0.1892	12/13/21 09:28
26	TG	ACCUCAL-00A23920	S2	1.00		0.2350	0.0033	0.1855	12/13/21 09:32
27	TG	ACCUCAL-00A23920	S3	1.00		0.2364	0.0023	0.1879	12/13/21 09:35

Default laboratory  
(to be replaced)

Laboratory name  
- SRL DANKUNILAB.

N°	Method	Samp ID/Name/FamilyName	Type	Dil.	Status	OD1	OD2	Result	Date
1	DBIL	DILUENT	BLANK	1.00		-0.0017	-0.0059	0.0042	12/13/21 09:10
2	TBIL	DILUENT	BLANK	1.00		-0.0127	-0.0161	0.0034	12/13/21 09:10
3	ALB	ACC-A417-00A04921	QC1	1.00		0.5141	0.0263	3.4	12/13/21 09:22
4	ALP	ACC-A417-00A04921	QC1	1.00		0.0421	0.0000	140	12/13/21 09:23
5	BUN	ACC-A417-00A04921	QC1	1.00		1.1865	1.2181	16.1	12/13/21 09:23
6	CRTENZ	ACC-A417-00A04921	QC1	1.00		0.0565	0.0173	1.07	12/13/21 09:25
7	DBIL	ACC-A417-00A04921	QC1	1.00		0.0650	0.0229	0.45	12/13/21 09:25
8	GGT	ACC-A417-00A04921	QC1	1.00		0.0157	0.0000	39	12/13/21 09:26
9	GLUC	ACC-A417-00A04921	QC1	1.00		0.4013	0.0446	88	12/13/21 09:26
10	HDLC	ACC-A417-00A04921	QC1	1.00		0.1639	0.0382	44	12/13/21 09:27
11	LDH	ACC-A417-00A04921	QC1	1.00		-0.0321	0.0000	270	12/13/21 09:28
12	LDL-C	ACC-A417-00A04921	QC1	1.00		0.3865	0.0692	96	12/13/21 09:28
13	SGOT	ACC-A417-00A04921	QC1	1.00		-0.0127	0.0000	41	12/13/21 09:29
14	SGPT	ACC-A417-00A04921	QC1	1.00		-0.0087	0.0000	36	12/13/21 09:30
15	TBIL	ACC-A417-00A04921	QC1	1.00		0.0326	0.0064	0.47	12/13/21 09:30
16	TCHOL	ACC-A417-00A04921	QC1	1.00		0.3294	0.0455	146	12/13/21 09:31
17	TG	ACC-A417-00A04921	QC1	1.00		0.1975	0.0000	114	12/13/21 09:32
18	TP	ACC-A417-00A04921	QC1	1.00		0.3112	0.0446	5.5	12/13/21 09:32
19	UA	ACC-A417-00A04921	QC1	1.00		0.2001	0.0459	5.4	12/13/21 09:33
20	ALB	ACC-A418-00A04921	QC2	1.00		0.6667	0.0279	4.5	12/13/21 09:34
21	ALP	ACC-A418-00A04921	QC2	1.00		0.1088	0.0000	363	12/13/21 09:34
22	BUN	ACC-A418-00A04921	QC2	1.00		1.1290	1.2046	38.6	12/13/21 09:35
23	CRTENZ	ACC-A418-00A04921	QC2	1.00		0.1466	0.0240	3.5	12/13/21 09:35
24	DBIL	ACC-A418-00A04921	QC2	1.00		0.1344	0.0457	1.01	12/13/21 09:35
25	GGT	ACC-A418-00A04921	QC2	1.00		0.0538	0.0000	135	12/13/21 09:36
26	GLUC	ACC-A418-00A04921	QC2	1.00		0.9588	0.0379	236	12/13/21 09:37
27	HDLC	ACC-A418-00A04921	QC2	1.00		0.2107	0.0410	60	12/13/21 09:37
28	LDH	ACC-A418-00A04921	QC2	1.00		-0.0548	0.0000	462	12/13/21 09:37

N°	Method	Samp ID/Name/FamilyName	Type	Dil.	Status	OD1	OD2	Result	Date
29	LDL-C	ACC-A418-00A04921	QC2	1.00		0.4317	0.0712	109	12/13/21 09:43
30	SGOT	ACC-A418-00A04921	QC2	1.00		-0.0483	0.0000	155	12/13/21 09:40
31	SGPT	ACC-A418-00A04921	QC2	1.00		-0.0220	0.0000	90	12/13/21 09:41
32	TBIL	ACC-A418-00A04921	QC2	1.00		0.0779	0.0239	1.03	12/13/21 09:42
33	TCHOL	ACC-A418-00A04921	QC2	1.00		0.3890	0.0410	182	12/13/21 09:42
34	TG	ACC-A418-00A04921	QC2	1.00		0.2819	0.0040	175	12/13/21 09:42
35	TP	ACC-A418-00A04921	QC2	1.00		0.3682	0.0435	7.2	12/13/21 09:44
36	UA	ACC-A418-00A04921	QC2	1.00		0.2847	0.0353	9	12/13/21 09:45
37	ALB	DILUENT	BLANK	1.00		0.0495	0.0217	0.0278	12/13/21 09:39
38	LDL-C	ACC-A417-00A04921	QC1	1.00		0.3582	0.0628	90	12/13/21 09:45
39	TBIL	DILUENT	BLANK	1.00		0.0016	0.0009	0.0007	12/13/21 10:09
40	LDL-C	ACC-A417-00A04921	QC1	1.00		0.3565	0.0587	90	12/13/21 10:10
41	TBIL	ACC-A418-00A04921	QC2	1.00		0.0790	0.0290	1.01	12/13/21 10:30
42	TBIL	DILUENT	BLANK	1.00		-0.0124	-0.0155	0.0031	12/13/21 11:05
43	HDLC	DILUENT	BLANK	1.00		0.0383	0.0356	0.0027	12/13/21 11:44
44	TBIL	DILUENT	BLANK	1.00		-0.0129	-0.0133	0.0004	12/13/21 11:46
45	TBIL	DILUENT	BLANK	1.00		-0.0147	-0.0149	0.0002	12/13/21 11:46
46	TBIL	ACC-A418-00A04921	QC2	1.00		0.0813	0.0312	1.02	12/13/21 11:47
47	TBIL	DILUENT	BLANK	1.00		-0.0054	-0.0074	0.002	12/13/21 13:02
48	TBIL	ACC-A418-00A04921	QC2	1.00		0.2091	0.0571	3.07	12/13/21 13:11