



KOMMUNJE HEALTHCARE

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Kommunje House, Manila Village, Post : Murva - 574243 Mob. : 7406031421 , 8088314654

CALIBRATION REPORT

Customer Name : BM lab and Digital X ray

Equipment Name :EM 200 Biochemistry Analyzer

Make :ERBA

Serial Number :NA

Asset ID :BM/BA/01

Date of Calibration :24-03-2023

Calibration Due date :24-03-2024

Item to be checked/replace		Check	Comments
DI water Filter	Replace .	<input checked="" type="checkbox"/>	
Tubing	Replace Laundry dispense tubings	<input checked="" type="checkbox"/>	
	Replace the Laundry aspiration tubings.	<input checked="" type="checkbox"/>	
	Replace the detergent tube	<input checked="" type="checkbox"/>	
	Clean the waste tubings.	<input checked="" type="checkbox"/>	
Arm assemblies	Clean probes internally/externally	<input checked="" type="checkbox"/>	
	Check the centering	<input checked="" type="checkbox"/>	
	Clean troughs / drains/opto coupler assemblies.	<input checked="" type="checkbox"/>	
Tray assemblies	Clean optointerruptor& coupler assemblies	<input checked="" type="checkbox"/>	
	Clean the container assemblies.	<input checked="" type="checkbox"/>	
Detergent Filter	Replace filter		Replaced
Lamp	Replace	<input type="checkbox"/>	Not Required
Fuses	Check replace if blown	<input type="checkbox"/>	OK
Laundry Assembly	Clean probes	<input checked="" type="checkbox"/>	
	Clean the optos	<input checked="" type="checkbox"/>	
	Check opto coupler connections	<input checked="" type="checkbox"/>	
	Clean the dust on shafts	<input checked="" type="checkbox"/>	
Stirrer assembly	Clean stirrer paddles externally	<input checked="" type="checkbox"/>	
	Clean stirrer troughs & Drains	<input checked="" type="checkbox"/>	
	Clean the opto coupler assembly.	<input checked="" type="checkbox"/>	
	Clean the dust on Shaft	<input checked="" type="checkbox"/>	
	Check the electrical motor connections.	<input checked="" type="checkbox"/>	
Syringe assemblies	Clean the syringe path	<input checked="" type="checkbox"/>	
	Clean the opto assembly.	<input checked="" type="checkbox"/>	
Sampler Rack assembly(XL 1000)	Clean the transport assembly	<input checked="" type="checkbox"/>	
	Check the motor connections	<input checked="" type="checkbox"/>	
	Clean opto coupler assemblies.	<input checked="" type="checkbox"/>	
RCT cuvette ring set	Clean cuvettes.	<input checked="" type="checkbox"/>	
	Check the heater/sensor connections.	<input checked="" type="checkbox"/>	
	Clean the opto coupler assembly.	<input checked="" type="checkbox"/>	
Reagent cooling assembly	Clean the heat sink	<input checked="" type="checkbox"/>	
	Clean the Fans	<input checked="" type="checkbox"/>	
Purging	Perform Cal A & Cal B purging	<input checked="" type="checkbox"/>	

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M:8088314654

Manila Village Post Murva Bantwal
Taluk 574243

B.M. DIAGNOSTICS
Opp.S.C.F.C.S. Bank Buliding
T.G. Extension 1st Cross,
Hoskote - 562114,



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Item to be checked/replace		Check	Comments
Calibration	Cali brate ISE	<input checked="" type="checkbox"/>	
Probe wash	Perform probe wash	<input checked="" type="checkbox"/>	

Item to be checked/replace		Check	Comments
Auto wash	Perform Autowash	<input checked="" type="checkbox"/>	
Software Adjustment	Check the stirrer centering	<input checked="" type="checkbox"/>	
	Check the R1 probe centering	<input checked="" type="checkbox"/>	
	Check the R2 probe centering	<input checked="" type="checkbox"/>	
	Check the laundry centering	<input checked="" type="checkbox"/>	
R1/R2/ SPT/probes/troughs	Check the flow of DI water from probes . Clean path if not proper.	<input checked="" type="checkbox"/>	
	Check the flow of DI water from troughs adjust if required.	<input checked="" type="checkbox"/>	
CPU	Execute scan disk if required	<input checked="" type="checkbox"/>	
	Defragmentation HDD if required	<input checked="" type="checkbox"/>	Done for spacing
	Check program version	<input checked="" type="checkbox"/>	Checked OK
Data verification after PM	Check the 1 bar pressure	<input checked="" type="checkbox"/>	
	Check Rct temperature(37°C)	<input checked="" type="checkbox"/>	37.2°C
	Check control material data or sample data	<input checked="" type="checkbox"/>	
	Check RGT temperature(below 12°C)	<input checked="" type="checkbox"/>	6-8°C
	Check filter gains/cell blank	<input checked="" type="checkbox"/>	
Exterior Instrument	Clean Instrument exterior panels. Clean peripheral equipment (Printer monitor trolley etc)	<input checked="" type="checkbox"/>	
Operation Review	Operation testing	<input checked="" type="checkbox"/>	

1. Backup done
2. Test Laniary Standardization Checked - Passed
3. Checked all the settings
4. Linearity and SD is checked as per calibration of the Equipment

Engineer Name: Pradeep Kumar

Signature: *Pradeep*

Date: 24/3/23

Customer Name: Jithendra .

Sign & Stamp: *Jithendra*

Date: 24/3/23

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Linearity and SD and CV checked

Control: Biorad Lot Number :26490 Expiry :30-11-2023

Parameter: ALT Mean value :26.2 Kit Insert SD :0.726 CV :2.7

Sl No	Values
1	26.9
2	26.5
3	27.1
4	27.3
5	27.4
6	26.8
7	26.5
8	26.4
9	26.8
10	27.2
11	27.1
12	27.3
13	26.6
14	26.8
15	26.7
16	26.9
17	26.9
18	26.8
19	27.1
20	27.0

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Calculated Mean:26.91

SD :0.28

CV:1.05

Laniary Check Passed

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Padma

Verified OK



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CALIBRATION REPORT

Customer Name: BM laboratory and Digital X-ray
Equipment Name: Easy LYTE plus Electrolyte ANALYSER
Make: Medica Corporation
Serial Number: NA Asset ID :BML/EA/01
Date of Calibration: 24-03-2023 Calibration Due date: 24-03-2024

- 1.ISE Electrode condition solution -checked
- 2.Probe blockage -checked
- 3 Orings checked - Replaced
4. Peristaltic pump & Valves -Checked and Tubings Replaced
- 5.Liniarity & Precision Checked - Found Ok

Engineer Name: Poadeep Kumar Customer Name: Jithendra
Signature:  Sign & Stamp: 
Date : 24/03/23 Date : 24/3/23.

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Linearity and SD and CV checked

Control: Biorad Lot Number :26490 Expiry :30-11-2023

Parameter: Sodium Mean value :143.3 Kit Insert SD :2.01 CV :1.4

1	143.2
2	142.8
3	142.9
4	143.5
5	143.5
6	142.9
7	142.8
8	143.2
9	143.1
10	143.1
11	142.9
12	143.2
13	142.9
14	142.9
15	143.2
16	143.2
17	143.1
18	143.4
19	143.5
20	143.1

Calculated Mean:143.1

SD :0.23

CV:0.16

Laniary Check Passed


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