

**CERTIFICATE OF CALIBRATION**

ADL/BO/MS/C/0032/21-22

Instrument : Mispa Nano Fully Automated Biochemistry Analyser
 Customer Name : Victor Hospital, Station Malbhat, Near Carmelite Monastery-Madgaon
 Date of installation : 13-05-2018 Serial No : WN-83107096

Alignment Check

Motion Check	Checked	Remark
Sample Probe	<input checked="" type="checkbox"/>	Ok
Reagent Probe	<input checked="" type="checkbox"/>	Ok
Mixing Bar	<input checked="" type="checkbox"/>	Ok
Reaction Disk	<input checked="" type="checkbox"/>	Ok
Reagent Disk	<input checked="" type="checkbox"/>	Ok
Sample Disk	<input checked="" type="checkbox"/>	Ok
Fluidic disk	<input checked="" type="checkbox"/>	Ok
Lamp	<input checked="" type="checkbox"/>	Ok

System	Checked	Remark
Main unit	<input checked="" type="checkbox"/>	Ok
Temp. unit	<input checked="" type="checkbox"/>	Ok
Mixing unit	<input checked="" type="checkbox"/>	Ok
Reaction unit	<input checked="" type="checkbox"/>	Ok
Reagent unit	<input checked="" type="checkbox"/>	Ok
Sample unit	<input checked="" type="checkbox"/>	Ok

AGAPPE DIAGNOSTICS LTD. ISO 9001:2015 | EN ISO 13485:2016 CERTIFIED COMPANY | CIN : U24239MH1998PLC125413

CORPORATE OFFICE / REAGENT PLANT
 Agappe Hills, Pattinathol (PO), Dist. Ernakulam, Kerala - 681542, India
 Tel: +91 484 236 7000 | Email: agappe@agappe.in

EQUIPMENT PLANT
 8,768-C8, Block No. 32, KINFRA Small Industrial Park,
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KOLKATA OFFICE
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BANGALORE OFFICE
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 Email: bangaloreoffice@agappe.in



OPTICAL SECTION

Filter	Dark Current	Background
340	145	44187
405	134	47751
450	121	50107
510	114	51687
546	119	51458
578	109	53692
630	112	52928
670	111	53689
Reference		

Power Supply : 5V 12V 24V

The equipment is calibrated for the different parameters by using Multi Calibrator
 Lot.No: 30110040 Exp: 06/2022

This is to certify that the above mentioned product has been calibrated according to the standard operating procedure given by the MINDRAY Medical Systems.

Date of Calibration : 25-MAR-2021

Next Due Date : 24-SEP-2021

For Agappe Diagnostics Ltd,



Antony

Authorized Signatory

Name: Antony Jose

Designation: Engineer

AGAPPE DIAGNOSTICS LTD. ISO 9001:2015 | EN ISO 13485:2016 CERTIFIED COMPANY | CIN : I24239MH0998PLC115413

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 Email: bangaloreoffice@agappe.in

DAILY QC TEMPERATURE LOG FOR REFRIGERATOR AND / OR FREEZER

 DEPARTMENT: **PATHOLOGY LAB**
(SAMSUNG FRIDGE : 2

 MONTH/YEAR: **JUNE / 2021, JULY / 2021**

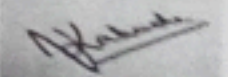
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUN 2021	REFRIGERATOR																																
	Morning	4°C	6°C	4°C	5°C	4°C	4°C	5°C	4°C	5°C	6°C	3°C	5°C	4°C	4°C	5°C	5°C	6°C	5°C	4°C	4°C	5°C	3°C	4°C	4°C	5°C	4°C	4°C	5°C	4°C	5.5°C		
	Evening	6°C	5°C	6°C	6°C	5°C	5°C	6°C	5°C	5°C	7°C	5°C	6°C	5°C	5°C	6°C	7°C	7°C	6°C	5°C	6°C	6°C	7°C	5°C	4.5°C	4.5°C	5°C	6°C	4.5°C	5°C	5°C		
	FREEZER																																
	Morning	-21°C	-21°C	-21°C	-21°C	-21°C	-21°C	-21°C	-21°C	-21°C	-21°C	-22°C	-21°C	-21°C	-19°C	-21°C	-22°C	-21°C	-21°C	-21°C	-21°C	-21°C	-22°C	-21°C	-21°C	-21°C	-22°C	-21°C	-21°C	-22°C	-21°C		
	Evening	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-23°C	-25°C	-27°C	-27°C	-25°C	-27°C	-25°C	-27°C	-26°C	-27°C	-27°C	-27°C	-21°C	-21°C	-21°C	-21°C	-21°C	-21°C	-21°C	
INITIAL																																	
		Shweta	Prerna	ANISHA	Sneha	ANISHA	Sneha	MEERA	ANISHA	Sneha	Saurabh	ANISHA	Prerna	Sneha	Saurabh	ANISHA	MEERA	G. N. N. N.	ANISHA	Sneha	ANISHA	Prerna	G. N. N. N.	ANISHA	Sneha	ANISHA	Sneha	ANISHA	MEERA	G. N. N. N.	Sneha		
JUL 2021	REFRIGERATOR																																
	Morning	4°C	3.5°C	4°C	5°C	4°C	3.5°C																										
	Evening	5°C	4°C	5°C	6°C	6°C	4°C																										
	FREEZER																																
	Morning																																
	Evening																																
INITIAL																																	
		Shweta	Prerna	Sneha	ANISHA	MEERA	ANISHA																										

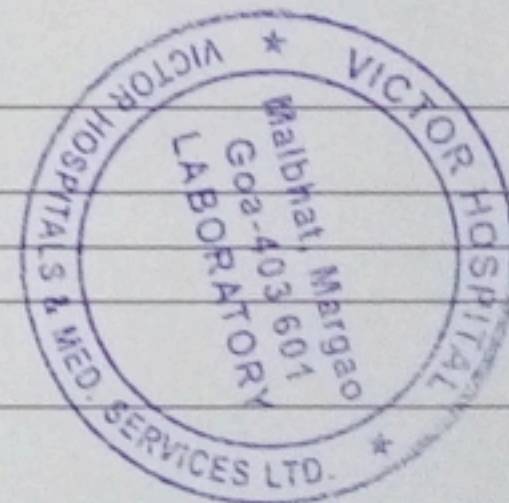
ACCEPTABLE LIMITS

REFRIGERATOR 2-8°C

FREEZER (-10-30°C)

NOTIFY SUPERVISOR AND MAINTENANCE DEPARTMENT IF READING EXCEEDS THE ACCEPTABLE LIMITS.

Doc No 002	DAILY QC TEMPERATURE LOG FOR Refrigerator & or freezer	Page 1 of 1
Issue Number :	Issue Date : 01.06.2021 Amend No : 00 Amend Date : 00	
Issued By	Dr Vimmy Samant 	



CALIBRATION REPORT

Certificate No: SC / 146 / 2020 - 21

Date: 07 / 10 / 2020

Time: 11.20 am

Temp: 24°C

Customer Name: Victor Hospital, Pathology Laboratory, MADGAON, GOA

Serviced By: Samarth Calibrations, Pune

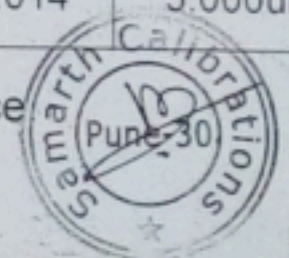
Calibration Done With: Distilled Water

Balance: CA - 64 Serial No: 2902245

Calibration Validity: Till 06 / 10 / 2021

Sr. No	ID NO	Description	Volume	Mean	S. D.	C. V. %	Accuracy (+ / - UI)	
1	VH/LAB/02	Finnpipette Sr. No: W 24968	5 - 50ul	5ul	5.019	0.063	0.359	0.150ul
				50ul	50.05	0.087	0.174	0.300ul
2	VH/LAB/03	I PETTE Sr. No: NIL	5 - 50ul	5ul	5.034	0.069	1.136	0.150ul
				50ul	50.07	0.112	0.224	0.300ul
3	VH/LAB/05	Finnpipette Sr. No: W 24997	5 - 50ul	5ul	5.03	0.051	1.024	0.150ul
				50ul	50.08	0.147	0.294	0.300ul
4	VH/LAB/08	I PETTE Sr. No: NIL	5 - 50ul	5ul	5.029	0.048	0.964	0.150ul
				50ul	50.11	0.145	0.290	0.300ul
5	VH/LAB/06	Finnpipette Sr. No: J 31133	20 - 200ul	20ul	20.05	0.103	0.498	0.600ul
				200ul	200.05	0.147	0.075	1.200ul
6	VH/LAB/07	I PETTE Sr. No: NIL	100 - 1000ul	100ul	100.05	0.028	0.028	1.500ul
				1000ul	1000.34	0.149	0.014	5.000ul


Note: Micropipette Calibration is done with ISO Certified Electronic balance
Electronic Balance is calibrated by N.A.B.L. Accredited Laboratory.
Please refer details attached



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SC SAMARTH CALIBRATIONS

CALIBRATION STATUS

Instrument	Centrifuge
Sr. No / ID No.	202001184-12
Vol. / Model	VH / LAB / CEN
Calib. Date	07/10/2020
Due Date	06/10/2021
For Details Refer Calibration Report	Sign 

Equipment Name: Centrifuge

Model: Electra BL (12T)

Make:- EURO

Year of Make: _____

Date Placed in Service: _____

Range & Accuracy: 100-4000 Rpm

S/N No. 202001184-12

Installed on: _____

PM Done on: 7.10.2020

PM Due on: 6.10.2021

Cal Done on: 7.10.2020

Cal Due on: 6.10.2021

Calibrated by: Samarth Calibrations