

**CERTIFICATE OF CALIBRATION**

ADL/BO/MS/C/0397/23-24

Instrument: Mispa Nano Plus Fully Automated Biochemistry Analyser**Customer Name:** Precise Health Care, Banashankari**Date of Installation:** 17-02-2022**S/N:** BA1-1B001343**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
Cuvette Wash Station	<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
Cuvette Wash Station	<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 : U24239MH1998PLC115413

CORPORATE OFFICE / REAGENT PLANT
Agappe Hills, Pattimattom (PO), Dist. Ernakulam, Kerala - 683 562, India.
Tel: +91 484 286 7000 | Email: agappe@agappe.in

EQUIPMENT PLANT
X/588-CB, Block No. 32, KINFRA Small Industrial Park,
Nellad, Cochin, Kerala, India - 686 721. Tel: +91 484 276 7477.

KOLKATA OFFICE
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BANGALORE OFFICE
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Bangalore - 560 001. Tel: +91 80 2228 8288
Email: bangaloreoffice@agappe.in



OPTICAL SECTION

Filter	Background
340	8944
380	8039
412	7441
450	7184
505	6779
546	6470
570	6410
605	6274
660	6235
700	5993
740	5941
800	5838

The equipment is calibrated for the different parameters by using Multi Calibrator

Lot. No: 33020264 Exp: 31/01/2025

This is to certify that the above-mentioned product has been calibrated according to the standard operating procedure.

Date of Calibration: **15-FEB-2024**

Next Due **:14-AUG-2024**

For, Agappe Diagnostics Ltd

For



Authorised signatory
Name: Nijin C
Designation: Senior Engineer

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Photometer Check

Current Result

Test Time: 14/02/2024

Last Result

Test Time: 13/09/2023

Wavelength(nm)	Absorbance	Wavelength(nm)	Absorbance
340	8944	340	8660
380	8039	380	7840
412	7441	412	7287
450	7184	450	7023
505	6779	505	6658
546	6470	546	6364
570	6410	570	6323
605	6274	605	6191
660	6235	660	6180
700	5993	700	5945
740	5941	740	5905
800	5838	800	5819

Print Date/Time: 15/02/2024 03:52:59 PM

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Calibration Result List

Chemistry	Cal Status	R0	K	A	B	C	D	Cal Date/Time
GLU POD	Calibrated	-0.8618	0.0441					15/02/2024 02:33:34 PM
ALB	Calibrated	21.2092	0.0006					15/02/2024 02:27:24 PM
ALP DGKC	Calibrated	6.9727	0.2900					15/02/2024 02:30:44 PM
BIL T	Calibrated	1.2594	0.0033					15/02/2024 02:32:44 PM
CHOL	Calibrated	61.9809	0.0717					15/02/2024 02:28:04 PM
CRT	Calibrated	7.9829	0.0093					15/02/2024 02:30:24 PM
HDL D	Calibrated	11.0090	0.0694					15/02/2024 02:33:44 PM
SGOT	Calibrated	23.5616	0.3581					15/02/2024 02:32:14 PM
SGPT	Calibrated	15.5933	0.3498					15/02/2024 02:32:24 PM
TGL	Calibrated	30.5799	0.0687					15/02/2024 02:29:24 PM
TPR	Calibrated	3.2305	0.0015					15/02/2024 02:34:34 PM
UAC	Calibrated	-2.7167	0.0062					15/02/2024 02:29:44 PM
UREA UV	Calibrated	185.6016	0.0230					15/02/2024 02:31:54 PM
CAL A	Calibrated	-54.9975	0.0021					15/02/2024 02:25:04 PM
HBA1C	Calibrated	2221.3685		74.8233		2.7718		13/01/2024 03:39:25 PM
					-16.0763			
		2655.3437		168.0659		-3.9876		
					32.1526			
		3466.4757		246.5902		4.1701		
					-9.7171			
		4678.6930		394.3360		-8.8153		
					44.0766			

QC Result

Control	Lot No.	Chemistry	Lot No.	Unit	Measured	Set		Flag	Run Date/Time
					Result	Mean	SD		
NORM	32310039	GLU POD	2453	mg/dL	95	95	6.5		15/02/2024 02:37:24 PM
NORM	32310039	ALB	1345	g/dL	3.54	3.7	0.3		15/02/2024 02:30:24 PM
NORM	32310039	ALP DGKC	9015	IU/L	189.86	194	19		15/02/2024 02:33:54 PM
NORM	32310039	BIL T	8022	mg/dL	0.87	0.85	0.15		15/02/2024 02:35:54 PM
NORM	32310039	CHOL	1377	mg/dL	161.03	163	15		15/02/2024 02:31:54 PM
NORM	32310039	CRT	8347	mg/dL	1.13	1.05	0.25		15/02/2024 02:34:14 PM
NORM	32310039	HDL D	8410	mg/dL	39.84	40	4		15/02/2024 02:37:54 PM
NORM	32310039	SGOT	2361	IU/L	26.78	32.5	3.25		15/02/2024 02:36:14 PM
NORM	32310039	SGPT	7146	IU/L	34.84	35.1	3.5		15/02/2024 02:36:34 PM
NORM	32310039	TGL	0382	mg/dL	123.64	124.5	11		15/02/2024 02:33:34 PM
NORM	32310039	TPR	8361	g/dL	5.64	5.8	0.47		15/02/2024 02:39:24 PM
NORM	32310039	UAC	1091	mg/dL	4.90	5.05	0.45		15/02/2024 02:34:34 PM
NORM	32310039	UREA UV	4072	mg/dL	30.93	30	4		15/02/2024 02:36:24 PM
NORM	32310039	CAL A	2445	mg/dL	8.18	8.8	0.55		15/02/2024 02:28:54 PM
PATH	32310039	GLU POD	2453	mg/dL	225	230	15		15/02/2024 02:41:23 PM
PATH	32310039	ALB	1345	g/dL	4.12	4.4	0.45		15/02/2024 02:34:54 PM
PATH	32310039	ALP DGKC	9015	IU/L	425.95	434.3	35		15/02/2024 02:38:14 PM
PATH	32310039	BIL T	8022	mg/dL	4.48	4.3	0.45		15/02/2024 02:40:24 PM
PATH	32310039	CHOL	1377	mg/dL	296.27	309.2	18		15/02/2024 02:36:04 PM
PATH	32310039	CRT	8347	mg/dL	4.41	4.3	0.4		15/02/2024 02:38:24 PM
PATH	32310039	HDL D	8410	mg/dL	56.86	56.5	7.5		15/02/2024 02:41:34 PM
PATH	32310039	SGOT	2361	IU/L	133.81	140.4	15		15/02/2024 02:39:54 PM
PATH	32310039	SGPT	7146	IU/L	137.54	139.5	14		15/02/2024 02:40:04 PM
PATH	32310039	TGL	0382	mg/dL	256.46	262.1	21		15/02/2024 02:37:14 PM
PATH	32310039	TPR	8361	g/dL	8.04	8.3	0.9		15/02/2024 02:42:23 PM
PATH	32310039	UAC	1091	mg/dL	10.15	10.8	1.3		15/02/2024 02:37:34 PM
PATH	32310039	UREA UV	4072	mg/dL	152.29	156	15		15/02/2024 02:39:24 PM
PATH	32310039	CAL A	2445	mg/dL	12.45	13.1	1		15/02/2024 02:32:44 PM