



ADL/DO/MS/C/0021/23-24

CERTIFICATE OF CALIBRATION

Instrument : Mispa Ace Fully Automated Clinical Chemistry Analyser

Customer Name : Shifa Hospital, Adirampattinam

Date of Installation : 29-03-2019

S/N : WK-88106100

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
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 : 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,
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KOLKATA OFFICE
406, Merlin Matrix, Plot No-10, Block-DN, Sector V,
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BANGALORE OFFICE
5-6, 11th Floor, Red Cross Bhavan, No.26 Race Course Road,
Bangalore - 560 001. Tel: +91 80 2228 8288
Email: bangaloreoffice@agappe.in

**OPTICAL SECTION**

Filter	Dark Current	Background
340	87	13018
405	85	24365
450	82	28218
510	79	28845
546	84	30827
578	79	35006
630	84	39376
670	78	40533
Reference		

Power Supply : 5V 12V 24V

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

Lot.No: 31090215 Exp: 08/2023

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 : 29/Mar/2023

Next Due : 28/Sept/2023

For, Agappe Diagnostic Ltd.



Authorized Signatory

Name: H.Sriram

Designation: Asst. Manager - Customer service

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**CALIBRATION REPORT**

ADL/DO/MS/C/0022/23-24

Customer: Shifa Hospital, Adirampattinam**Serial No.: 211930113714****Model : Mispa Viva****DOI: 29-03-2019****Date of Calibration: 29-Mar-2023****INSTRUMENT CONTROL****Visual Control: PASSED**

Zero Drift after 1 Hour of zero setting (WL=340nm) 0.001

PHOTOMETRIC LINEARITY

Solution	WL (nm)	100%	75%	50%	25%
Potassium dichromate	340nm	100.2	74.6	51.8	25.2
P-Nitrophenol	405nm	100.4	74.5	50.3	25.8
Cobaltous Ammonium Sulphate	505nm	100.8	76.9	50.1	24.7

CHEMISTRY CONTROL

	TEST	REAGENT	CONTROL SERUM	THEORETICAL VALUE	READ VALUE	RANGE
END POINT	GLU	AGAPPE	Lot No: 33030192 Expiry: 08/24	190 mg/dl	194	161 - 219
KINETIC	SGOT	AGAPPE	Lot No: 33030192 Expiry: 08/24	217 U/L	217	174 - 260
FIXED TIME	UREA	AGAPPE	Lot No: 33030192 Expiry: 08/24	78 mg/dl	77	64 - 92

Validity: 6 months from the date of calibration (28/Sept/2023).**For Agappe Diagnostics Ltd.,****Authorized Signatory****Authorized Signatory****Name: H.Sriram****Designation: Asst. Manager - Customer service****AGAPPE DIAGNOSTICS LTD.** ISO 9001:2015 | EN ISO 13485:2016 CERTIFIED COMPANY | CIN : U24239MH1998PLC115413CORPORATE OFFICE / REAGENT PLANT
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