

**CERTIFICATE OF CALIBRATION**Instrument : **Mispa Ace Fully Automated Clinical Chemistry Analyser**Customer Name : **Dr Kaushik Path Labs, Ramnagar, Shahdara**Date of Installation : **19/Jan/2017**S/N : **WK-6B104991T****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,  
Nellad, Cochin, Kerala, India - 686 721. Tel: +91 484 276 7477.

**KOLKATA OFFICE**  
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**MUMBAI (REGISTERED OFFICE)**  
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**BANGALORE OFFICE**  
5-6, II<sup>nd</sup> 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	113	35412
405	106	37484
450	96	39451
510	94	40256
546	102	41050
578	96	40296
630	99	42159
670	103	43736
Reference	0-200	33000 - 66,000

Power Supply : 5V  12V  24V

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

Lot.No: 31090275 Exp: 2023-08

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 : 07/Jan/2022

Next Due : 06/July/2022

For, Agappe Diagnostic Ltd.

*Vijender*  
 Authorized Signatory

Name : Vijender Pratap Singh

Designation : Engineer - Customer Service



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Reagent Calibration QC Status Statistics Parameters Setup Maintenance

- Sample Request
- QC Request
- Start
- Probe Stop
- Stop
- Results
- Replace
- Relog
- Exit

Daily Maint Log Import/Export Alignment

System Status

Reaction Temp.	37.06
Preheat Temp.	45.07
Waste Tank	Normal
Deionized Water	Normal
Printer	Idle

Unit Status

Main Unit	Idle
Reaction Unit	Idle
Sample Unit	Idle
Reagent Unit	Idle
Temperature Unit	Idle
Mixing Unit	Idle

Dark Current/Background

	Dark Current	Background
340	112	35627
405	105	37817
450	95	39772
510	94	40572
546	101	41351
578	96	40619
630	99	42445
670	102	44090

Dark current at wavelength 510nm

Startup Check Recover Wash Enhanced Dark Current Reset



Reagent



Calibration



QC



Status



Statistics



Parameters



Setup



Maintenance

Real-time

Daily QC

Day to Day QC

QC Sum.

Control

Test Result

Test Statistics

Date

5/31/2022

Control

PATH CONTROL

Export Data

Test	Actual Result	Unit	Request Date	Ref. Range	Comments
CREAT AVT	2.67	mg/dL	5/31/2022 11:29:15 ...	1.3700-3.9700	
HDL avn	56.4	mg/dL	5/31/2022 11:29:15 ...	24.720-96.720	
TGL	411.09	mg/dL	5/31/2022 11:29:15 ...	293.0000-613.0000	
ALP	350.05	U/L	5/31/2022 11:29:15 ...	230.2900-510.2900	
CALCIUM	11.51	mg/dL	5/31/2022 11:29:15 ...	8.6000-15.4000	
T.PROTEIN	9.58	g/dL	5/31/2022 11:29:15 ...	6.1000-13.3000	
URIC ACID	9.94	mg/dL	5/31/2022 11:29:15 ...	8.6000-15.6000	
Bil TOTAL	5.00	mg/dL	5/31/2022 11:29:15 ...	2.0200-5.9800	
Bil.DIRECT	0.59	mg/dL	5/31/2022 11:29:15 ...	-0.1800-0.8200	
ALBUMIN	5.33	g/dL	5/31/2022 11:29:15 ...	3.2200-6.7800	
UREA UV	83.91	mg/dL	5/31/2022 11:29:15 ...	54.0000-110.0000	
CHOST	220.72	mg/dL	5/31/2022 11:29:15 ...	152.0000-288.0000	
GLUCOSE	189.77	mg/dL	5/31/2022 11:29:15 ...	129.7000-245.7000	
SGOT AG	198.82	U/L	5/31/2022 11:29:15 ...	134.0000-306.0000	
SGPT AG	150.43	U/L	5/31/2022 11:29:15 ...	92.0000-248.0000	

Refresh

Print

Delete

Reac. Curve

Sample Request

QC Request

Start

Probe Stop

Stop

Results

Replace

Relog

Exit

Admin



Clear