

MISPA Ace Fully Automated Calibration Certificate.

This is to certify that installed at Dr. Raju's Blooms Diagnostic Centre. MISPA Ace Fully Automated Serial number **WK-76105427** has been duly calibrated on 17/11/2021 and the same was verified with the following tests.

System Tests results:

	Passed	Failed	Comments
• Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Stray light	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Stability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Tip pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Level detection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Washer hydraulics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Washer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
• Clot detector	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PASS
	<input type="checkbox"/>	<input type="checkbox"/>	SATISFACTORY

Verified the Calibrations and alignment visually.

Performed Tests , all are passed.

Calibration of the instrument was carried out as per the recommendation.

Next Calibration will be performed on 16/11/2022

Name/Address of Lab: DR Rajus Blooms Diagnostic, Chikkaballapur	
Phone#:9751740908	Contact Person: Prasad
MAIL: alwinjoy@agappe.in	Contact Email: drvgovindaraju@gmail.com
Instrument Model: MISPA Ace Fully Automated Clinical Chemistry	Instrument Serial #: WK-76105427
Installation Date: 17.01.2018	Software Revision #: 1.5
Install Technician Name: Alwin Joy	Signature:


Alwin Joy

17/11/2021

Service Engineer, Bangalore

Unrestricted

QC Done

17-11-2021 13:53 PM

Date	Control Id	Lot Number	Test	Low limit	Result	High Limit	Units	Out
11-17 10:21	BIORAD L2	26472 2023-02	BUN	43.9	47.2	51.3	mg/dL	
11-17 10:22	BIORAD L2	26472 2023-02	ALB	2.20	2.77	3.10	g/dL	
11-17 10:23	BIORAD L2	26472 2023-02	GOT	177.0	195.9	221.0	U/L	
11-17 10:23	BIORAD L2	26472 2023-02	GPT	88.2	94.1	117.0	U/L	
11-17 10:24	BIORAD L2	26472 2023-02	Ca	11.2	12.2	12.6	mg/dL	
11-17 10:24	BIORAD L2	26472 2023-02	CHOL	95	105	114	mg/dL	
11-17 10:24	BIORAD L2	26472 2023-02	CRE	5.24	5.41	5.92	mg/dL	
11-17 10:25	BIORAD L2	26472 2023-02	PHOS	6.29	6.66	8.10	mg/dL	
11-17 10:25	BIORAD L2	26472 2023-02	U/A	8.94	9.43	10.00	mg/dL	
11-17 10:27	BIORAD L2	26472 2023-02	ALPA	340.0	416.9	600.0	U/L	
11-17 10:29	BIORAD L2	26472 2023-02	GLU	248.0	266.2	308.0	mg/dL	
11-17 10:30	BIORAD L2	26472 2023-02	HDL	25.8	28.5	35.0	mg/dL	
11-17 10:30	BIORAD L2	26472 2023-02	TRIG	84.0	103.1	116.8	mg/dL	
11-17 10:31	BIORAD L2	26472 2023-02	BILI D	0.78	1.05	1.48	mg/dL	
11-17 10:31	BIORAD L2	26472 2023-02	BILI T	3.58	5.00	5.09	mg/dL	
11-17 10:31	BIORAD L2	26472 2023-02	TP	3.60	4.32	5.30	g/dL	
11-17 12:13	BIORAD L1	26470 2023-02	BUN	12.8	14.8	17.5	mg/dL	
11-17 12:14	BIORAD L1	26470 2023-02	ALB	3.20	3.91	4.90	g/dL	
11-17 12:15	BIORAD L1	26470 2023-02	GOT	33.0	41.7	49.4	U/L	
11-17 12:16	BIORAD L1	26470 2023-02	GPT	26.3	28.7	39.1	U/L	
11-17 12:16	BIORAD L1	26470 2023-02	CRE	2.13	2.19	2.56	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	Ca	9.1	9.4	9.7	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	CHOL	242	265	290	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	PHOS	3.34	3.43	4.60	mg/dL	
11-17 12:17	BIORAD L1	26470 2023-02	U/A	4.09	5.09	5.48	mg/dL	
11-17 12:20	BIORAD L1	26470 2023-02	ALP	80.0	97.2	160.0	U/L	
11-17 12:21	BIORAD L1	26470 2023-02	GLU	77.0	80.0	94.5	mg/dL	
11-17 12:22	BIORAD L1	26470 2023-02	HDL	87.6	101.5	110.0	mg/dL	
11-17 12:22	BIORAD L1	26470 2023-02	TRIG	170.6	193.3	201.8	mg/dL	
11-17 12:23	BIORAD L1	26470 2023-02	BILI D	0.12	0.28	0.52	mg/dL	
11-17 12:23	BIORAD L1	26470 2023-02	TP	6.20	6.29	8.40	g/dL	
11-17 12:37	BIORAD L1	26470 2023-02	BUN	12.8	14.7	17.5	mg/dL	
11-17 12:39	BIORAD L1	26470 2023-02	BILI T	0.88	0.99	1.15	mg/dL	