

### Calibration Report

Customer : AYUCARE,ULWE,Navi Mumbai.  
Serial No. : 612130150978  
Model : Mispa Viva  
Date of Installation : 20/11/2021  
Date of Calibration : 15/05/2024

#### 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 (2SD)
END POINT	Glue	Agabbe	Lot No: 32311553 Expiry: 10/2025	96	95	82-110
KINETIC	SGOT	Agabbe	Lot No: 32311553 Expiry: 10/2025	32.5	35.1	26-39
FIXED TIME	Creat	Agabbe	Lot No: 32311553 Expiry: 10/25	0.94	0.91	0.59-1.29

Validity: 6 months from the date of calibration –

For, Ribosomes Diagnostics,

Authorized Signatory

*Rashid*  
15/05/2024

Name: Rashid Rasheed Saba

AGAPPE		LOT		32311553 42308258		Expiry 10/2025		QUALICHECK NORM Human Serum		AGAPPE		LOT		32311553 42308258		Expiry 10/2025		QUALICHECK Human Serum	
SL. NO.	ANALYTE	METHODS (AT 37 °C)	UNIT	TARGET VALUE	LOWER RANGE	HIGHER RANGE	ZSD	SL. NO.	ANALYTE	METHODS (AT 37 °C)	UNIT	TARGET VALUE	LOWER RANGE	HIGHER RANGE	ZSD				
1	Albumin	Bromocresol Green	g/dL	3.70	3.10	4.30	0.60	16	LDHP	SFBC/SEQC	SA	352.00	282.00	422.00	70.00				
			g/L	37.00	31.00	43.00	6.00				FAA	385.00	320.00	450.00	65.00				
2	Alkaline phosphatase	p-Nitrophenyl phosphate DEA/DGKC	U/L	194.00	156.00	232.00	38.00	17	Uptase	Enzymatic Colorimetric Test	FAA	39.00	27.00	51.00	12.00				
			U/L	208.90	153.90	263.90	55.00				SA	43.70	32.70	54.70	11.00				
3	ALT / SGPT	IFCC with out PSP	U/L	137.20	111.20	163.20	26.00	18	Magnesium	Xylydil Blue with ATCS	FAA	2.10	1.65	2.55	0.45				
		IFCC with out PSP	U/L	116.00	92.00	140.00	24.00				FAA	1.95	1.55	2.35	0.40				
4	Amylase	CNPG3	U/L	35.10	28.10	42.10	7.00	19	Phosphorous	Molybdate UV	FAA	0.80	0.64	0.97	0.16				
		CNPG3	U/L	34.50	27.50	41.50	7.00				SA	3.60	2.85	4.35	0.75				
5	AST/SGOT	IFCC with out PSP	U/L	80.30	62.30	98.30	18.00	20	Triglycerides	GPO-PAP	FAA	1.12	0.89	1.35	0.23				
		IFCC with out PSP	U/L	90	70.00	110.00	20.00				SA	122.80	97.80	147.80	25.00				
6	Bilirubin Total	DMISO	mg/dL	32.50	26.00	39.00	6.50				FAA	124.50	102.50	146.50	22.00				
		TAB	mg/dL	35.40	26.90	43.90	8.50	21	Total Protein	Biuret	FAA	1.40	1.16	1.64	0.24				
		Diazo	mg/dL	0.95	0.60	1.30	0.35				SA	5.80	4.85	6.75	0.95				
		Diazo Modified	mg/dL	0.95	0.60	1.30	0.35				FAA	5.80	4.85	6.75	0.95				
7	Bilirubin Direct	O-Cresolphthalin -Complex	mg/dL	0.60	0.42	0.78	0.18	22	Uric Acid	Uricase - PAP (Lypho)	SA	5.80	4.70	6.50	0.90				
		Arrenazo-111	mg/dL	0.40	0.25	0.55	0.15				FAA	5.80	4.70	6.50	0.90				
		Butyrylthiocholine	U/L	8.40	7.40	9.40	1.00				SA	333.10	279.57	386.63	53.53				
9	Cholinesterase	CHOD-PAP (Lypho)	mg/dL	7305.00	6295.00	8315.00	1010.00				FAA	5.25	4.35	6.15	0.90				
		CHOD-PAP(SL)	mg/dL	181.00	146.00	217.00	35.50	23	Urea	Urease UV	FAA	312.20	258.67	365.73	53.53				
		DGKCH/NVVC/SEQC/IFCC	mmol/L	163.00	133.00	193.00	30.00				SA	300.30	243.79	356.81	56.51				
		Immuno - inhibition method	U/L	4.20	3.43	4.97	0.77				FAA	31.60	23.10	40.10	8.50				
10	Cholesterol	Straz method	mg/dL	128.40	98.40	158.40	30.00				FAA	30.00	22.00	38.00	8.00				
		Straz method	U/L	147.00	119.00	175.00	28.00	24	Chloride	Thiocyanate	FAA/SA	4.99	3.66	6.32	1.33				
11	CKNAC	Jaffe With out Deproteinization	mg/dL	0.91	0.59	1.29	0.35				SA	29.70	21.70	37.70	8.00				
		Enzymatic	mg/dL	1.05	0.75	1.35	0.30				FAA	4.94	3.61	6.27	1.33				
12	Creatinine	Immuno - inhibition method	mg/dL	92.82	66.30	119.34	26.52	25	Sodium	In direct I.S.E	TBA	100.30	84.30	116.30	16.00				
		Immuno - inhibition method	mg/dL	0.95	0.70	1.20	0.25				FAA	101.10	84.10	118.10	17.00				
		Hexokinase	mmol/L	1.30	0.92	1.68	0.38	26	Potassium	In direct I.S.E	TBA	115.00	97.00	133.00	18.00				
		SA-Semiauto Analyzer	mmol/L	8.50	4.50	12.50	4.00				FAA	106.6	91.60	121.60	15.00				
13	CKMB	Straz method	U/L	27.50	21.00	34.00	6.50	27	HDL Cholesterol	Precipitation Method	SA	4.50	3.60	5.40	0.90				
		Straz method	U/L	35.10	27.10	43.10	8.00				SA	4.15	3.35	4.95	0.80				
14	Gamma GT	GOD-PAP	mg/dL	96.00	82.00	108.00	14.00	28	LDL Cholesterol	Selective Solubilization Method	FAA	48.10	39.10	57.10	9.00				
		GOD-PAP	mg/dL	95.00	82.00	108.00	13.00				FAA	46.40	37.10	55.70	9.30				
15	Glucose	Hexokinase	mmol/L	5.30	4.58	6.02	0.72	29	IRON	Chromazurol	FAA	40.00	32.00	48.00	8.00				
		Hexokinase	mmol/L	93.60	81.30	106.30	12.50				SA	1.03	0.83	1.23	0.20				
		SA-Semiauto Analyzer	mmol/L	5.20	4.51	5.89	0.69	30	TIBC	Saturation Method	FAA	260.10	220.10	300.10	40.00				
		FAA-Fully Auto Analyzer	mmol/L	8.50	4.50	12.50	4.00				FAA	230.40	232.40	348.40	58.00				
		FAA-Fully Auto Analyzer	mmol/L	27.50	21.00	34.00	6.50	31	ZINC	Nitro PAPS	FAA	46.60	34.10	59.10	12.50				