



ARK Diagnostics Bangalore Pvt. Ltd.

CERTIFICATE of CALIBRATION

Manufacturer : ARK DIAGNOSTICS BANGALORE PVT. LTD.,

Instrument : ELECTROLYTE ANALYSER

Serial Number : CKK-LYTE#621

Customer : SRI ADICHUNCHUNAGIRI HOSPITALS & RESEARCH CENTRE

Ark Diagnostics Bangalore Pvt. Ltd., certifies that the above listed instrument was calibrated on date noted at, BALAGANGADHARANATHA NAGAR, NAGAMANGALA TALUK, MANDYA DIST- 571448, in accordance with the specifications set forth by the manufacturer using the certified control material as per the provided assay values and expected ranges from the manufacturer.

Calibration Date:-**12th DEC 2023**

Calibrated by **Mr.LITHIN**

Calibration Due:-**11th DEC 2024.**

For ark Diagnostics Bangalore Pvt. Ltd.,



*Subjected to AMC

621

11/11/81 A 11:4

ASCT?

-----CAL A 0 mV

-----CAL A 0 mV

-----CAL A -17.65 mV

-----CAL A -10.47 mV

-----CAL A 8.39 mV

-----CAL A 0 mV

-----CAL A -39.63 mV

-----CAL A 0.74 mV

-----CAL A -26.34 mV

-----CAL A -7.29 mV

-----CALIBRATION SLOPE

NE =54.07

K =63.32

IG =20.51

01 =45.10

Doc-12-23 12:27:45



INSTALLATION QUALIFICATION

INSTRUMENT NAME : CKK Lyte
SERIAL NUMBER : CKKL-621
CUSTOMER NAME : ADICHUNCHANAGIRI HOSPITAL & RESEARCH CENTRE
ADDRESS : BALAGANGADHARANATHA NAGAR
NAGAMANGALA TALUK
MANDYA DISRICT, PINCODE- 571448

INSTALLATION REQUIREMENTS FOR THE INSTRUMENT:

REQUIREMENTS	ACCEPTABLE RANGE	OBSERVED RANGE
Input Voltage	230 \pm 10AC	232 \pm 5V AC
Line Frequency	50/60 HZ	50HZ
Ambient Temperature	15-45 degree	21 degree

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MR. M. THINNA
(SERVICE ENGINEER)



INSTRUMENT SETUP

S No	ITEM DESCRIPTION	STATUS
1	SOFTWARE VERSION 24W5.5F.R018	INSTALLED
2	REAGENT PACK	INSTALLED
3	QUALITY CONTROL	TESTED

OPERATION INSPECTION

- POWER SUPPLY CHECKED.
- NO UNUSUAL NOISE PRODUCED IN THE SYSTEM.

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INSTALLATION REPORT

CUSTOMER NAME : ADICHUNCHANAGIRI HOSPITAL & RESEARCH CENTRE
PLACE : BALAGANGADHARANATHA NAGAR
NAGAMANGALA TALUK
MANDYA DISTRICT 571448
DEPARTMENT : CLINICAL BIOCHEMISTRY
CONTACT PERSON : MR. NANDHISH
INSTRUMENT NAME : CKK Lyte
SERIAL NUMBER : CKKL-621
INSTALLATION DATE : 24/04/2019
WARRANTY EXPIRY : 1 Year

THE ELECTROLYTE ANALYZER WAS INSTALLED ALONG WITH THE NECESSARY STANDARD ACCESSORIES, ALL BASIC REQUIREMENTS AND ADJUSTMENTS WERE CHECKED AND FOUND TO BE SATISFACTORY. THE PRELIMINARY STANDARDIZATION OF THE ELECTROLYTE ANALYZER AND THE TRAINING WERE PROVIDED TO THE COMPLETE SATISFACTION OF THE CUSTOMER. THE ELECTROLYTE ANALYZER IS FOUND TO BE WORKING SATISFACTORILY.

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QUALITY CONTROLS ANALYSIS

QC LOT: UQC19C
EXPIRY: NOV 2020

QUALITY CONTROL ASSIGNMENT FOR CKK LYTE

QC TYPE		MEAN (mmol/L)	MIN(mmol/L)	MAX(mmol/L)
LEVEL 1	Na+	121	112	130
	K+	1.91	1.41	2.38
	Cl-	83	74	92
LEVEL 2	Na+	141	134	148
	K+	4.04	3.54	4.54
	Cl-	100	93	107
LEVEL 3	Na+	159	150	168
	K+	5.75	5.25	6.25
	Cl-	122	113	131

CONTROLS RUN IN CKK LYTE

NO	LEVEL 1 (mmol/L)			LEVEL 2 (mmol/L)			LEVEL 3 (mmol/L)		
	Na+	K+	Cl-	Na+	K+	Cl-	Na	K+	Cl-
1	119.2	1.89	110	140	3.98	99	157.3	5.64	121
2	119.1	1.87	111	140.5	3.99	98.9	157.6	5.63	120
3	119.1	1.89	110	140.3	3.98	99	157.6	5.64	121
4	119.3	1.86	111	140.6	3.99	98.7	157	5.62	121
5	119.1	1.89	110	140.9	4.00	98.8	158	5.63	120

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MR. JITHENDRAN

(SERVICE ENGINEER)

