



**ARK Diagnostics Bangalore Pvt. Ltd.**

**CERTIFICATE of CALIBRATION**

**Manufacturer : Ark Diagnostics Bangalore Pvt Ltd.**

**Instrument : ELECTROLYTE ANALYSER**

**Serial Number : CKK-LYTE #794**

**Customer : ALVAS HEALTH CENTRE- MOODABIDRI**

Ark Diagnostics Bangalore Pvt. Ltd., certifies that the above listed instrument was calibrated on date noted at, **Alvas Health Centre- Moodabidri - 574227.**, 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: **-09<sup>th</sup> Jan 2024**

Calibrated by **Mr. Vineeth S.S**

Calibration Due: **-08<sup>th</sup> Jan 2025.**

For ark Diagnostics Bangalore Pvt. Ltd.,



(Authorized Signature)

\*Subjected to AMC



CALIBRATION DATA

1.CALIBRATION SLOPE:

NA+	46.57
K+	42.53
CL-	40.88

2.QUALITY CONTROL ASSIGNMENT FOR CKK LYTE

QC LOT: UQC2212B; EXPIRY: NOV 2024

QC TYPE		MEAN (mmol/L)	MIN(mmol/L)	MAX(mmol/L)
LEVEL 1	Na+	122	113	131
	K+	2.29	1.79	2.79
	Cl-	80	71	89
LEVEL 2	Na+	143	136	150
	K+	4.24	3.74	4.74
	Cl-	100	93	107
LEVEL 3	Na+	163	154	172
	K+	6.28	5.78	6.78
	Cl-	118	109	127

3.CONTROLS RUN IN CKK LYTE

LEVELS	Na+	K+	Cl-
LEVEL - 1	121.5	2.58	82.0
LEVEL - 2	147.4	4.27	103.3
LEVEL - 3	168.7	6.25	123.1

For ark Diagnostics Bangalore Pvt. Ltd.,



(Authorized Signature)

*Varshad*  
*Sharma*



# ARK Diagnostics Bangalore Pvt. Ltd.

11:58

**CKK LYTE**  
**Electrolyte Analyser**

**PUMP CAL A TEST**  
7841

---CAL A mV---  
Na = 13.88 mV  
K = 41.10 mV  
Cl = 57.48 mV

---CAL A mV---  
Na = 26.71 mV  
K = 53.46 mV  
Cl = 53.25 mV

**CALIBRATION SLOPE**

Na = 4.0 - 5.7  
K = 4.2 - 5.3  
Cl = 4.0 - 5.8

Feb-21-24 11:44:29

**CKK LYTE**  
**LEVEL 1**

---QC mV---  
Na = 27.61 mV  
K = 43.20 mV  
Cl = 57.39 mV

---CAL A mV---  
Na = 30.47 mV  
K = 54.90 mV  
Cl = 51.06 mV

**ANALYZE QC**

Na = 122.1.0 mmol/L HIGH  
K = 2.58 mmol/L HIGH  
Cl = 82.0 mmol/L HIGH

Feb-21-24 12:01:30

**CKK LYTE**  
**LEVEL 2**

---QC mV---  
Na = 21.66 mV  
K = 57.06 mV  
Cl = 53.54 mV

---CAL A mV---  
Na = 30.79 mV  
K = 56.35 mV  
Cl = 51.67 mV

**ANALYZE QC**

Na = 147.4 mmol/L HIGH  
K = 4.27 mmol/L HIGH  
Cl = 103.3 mmol/L HIGH

Feb-21-24 12:04:10

**CKK LYTE**  
**LEVEL 3**

---QC mV---  
Na = 34.53 mV  
K = 64.83 mV  
Cl = 50.52 mV

---CAL A mV---  
Na = 31.03 mV  
K = 57.80 mV  
Cl = 51.90 mV

**ANALYZE QC**

Na = 1613.7 mmol/L HIGH  
K = 6.15 mmol/L HIGH  
Cl = 123.1 mmol/L HIGH

Feb-21-24 12:05:56

*Signature*  
*Signature*