

SENSA CORE

Plot No.3, EPIP Zone, Pashamylaram, Sanga Reddy District - 502307, www.sensacore.com

F01-R01/SC/FQC/SOP/001

Instrument Name : ST 200 CL Plus Na/K/iCa/Li/pH/Cl Electrolyte Analyzer

Performance Certificate

		Date of Testing	01-02-2022
Instrument Number :	ST-2022029470	"Na" Electrode :	Na2112E40
Software Version :	24SW5.5USF.M024	"K" Electrode :	K2112G20
Tested Reagent Lot :	21123	"iCa" Electrode :	-----
Bubble Detector :	USSBD2112157	"Li" Electrode :	-----
"Ref" Electrode :	RESch2112B01	"pH" Electrode :	-----
		"Cl" Electrode :	-----

MB NUMBER: UMB13V2201267

Calibration Slope :

S.No	Na+	K+	iCa	Li	pH	Cl-
1	69.37	70.14	36.24	61.25	72.50	57.37
2	69.19	70.70	36.95	60.35	73.28	57.25
3	69.19	70.74	36.24	65.20	72.51	57.08
Mean	69.25	70.53	36.48	62.27	72.76	57.23
Ranges	35 - 100 mV/decade	35 - 100 mV/decade	15 - 50 mV/decade	30 - 100 mV/decade	30 - 100 mV/decade	30 - 100 mV/decade
Status	OK	OK	OK	OK	OK	OK

Quality Control (I) : Lot:UQC2112B-L1

Exp: Nov 2023

S.No	Na+	K+	iCa	Li	pH	Cl-
1	121.90	2.03	1.91	0.50	7.01	78.30
2	120.30	2.04	1.91	0.51	6.99	81.90
3	120.20	3.96	1.96	0.52	6.99	81.90
Mean	120.80	2.68	1.93	0.51	7.00	80.70
Ranges	110 - 128 mmol/L	1.54 - 2.54 mmol/L	1.42-2.42 mmol/L	0.08-0.78 mmol/L	6.95-7.05	70 - 88 mmol/L
Status	OK	OK	OK	OK	OK	OK

Quality Control (II) : Lot:UQC2112B-L2

Exp: Nov 2023

S.No	Na+	K+	iCa	Li	pH	Cl-
1	139.30	3.96	1.21	1.67	7.22	100.70
2	139.30	3.99	1.21	1.66	7.22	101.10
3	139.30	3.93	1.21	1.66	7.22	101.40
Mean	139.30	3.96	1.21	1.66	7.22	101.07
Ranges	133 - 147 mmol/L	3.45 - 4.45 mmol/L	0.69 - 1.69 mmol/L	1.26-1.96 mmol/L	7.18-7.28	93 - 107 mmol/L
Status	OK	OK	OK	OK	OK	OK

Quality Control (III) : Lot:UQC2112B-L3

Exp: Nov 2023

S.No	Na+	K+	iCa	Li	pH	Cl-
1	161.70	6.26	0.71	2.38	7.40	121.30
2	161.10	6.16	0.72	2.34	7.40	121.30
3	161.30	6.12	0.71	2.30	7.40	121.40
Mean	161.37	6.18	0.71	2.34	7.40	121.33
Ranges	153 - 171 mmol/L	5.58 - 6.58 mmol/L	0.19- 1.19 mmol/L	1.78 - 2.48 mmol/L	7.36-7.46	112 - 130 mmol/L
Status	OK	OK	OK	OK	OK	OK

Serum :

S.No	Na+	K+	iCa	Li	pH	Cl-
1	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----
Mean	-----	-----	-----	-----	-----	-----
Ranges	-----	-----	-----	-----	-----	-----
Status	-----	-----	-----	-----	-----	-----

BIO RAD Level (I) : Lot: 26491

Exp: Nov 2023

S.No	Na+	K+	iCa	Li	pH	Cl-
1	150.80	4.01	0.84	0.70	-----	94.20
2	151.10	3.95	0.84	0.71	-----	95.70
3	151.30	3.98	0.84	0.70	-----	95.20
Mean	151.07	3.98	0.84	0.70	-----	95.03
Ranges	133 - 153 mmol/L	3.65 - 4.26 mmol/L	0.75 - 1.12 mmol/L	0.37 - 0.87 mmol/L	-----	90- 106 mmol/L
Status	OK	OK	OK	OK	-----	OK

BIO RAD Level (II) : Lot: 26492

Exp: Nov 2023

S.No	Na+	K+	iCa	Li	pH	Cl-
1	133.20	5.82	1.30	1.62	-----	84.90
2	132.90	5.81	1.30	1.62	-----	83.40
3	132.60	5.82	1.32	1.61	-----	83.60
Mean	132.90	5.82	1.31	1.62	-----	83.97
Ranges	118 - 135 mmol/L	5.54 - 6.41 mmol/L	0.96 - 1.40 mmol/L	1.30 - 2.55 mmol/L	-----	76 - 94 mmol/L
Status	OK	OK	OK	OK	-----	OK

Urine Quality Control (I) : Lot:UQC2112B-UL-1

Exp: Nov 2023

S.No	Na+	K+	iCa	Li	pH	Cl-
1	370.25	66.44	-----	-----	-----	365.20
2	370.80	65.55	-----	-----	-----	367.80
3	363.52	66.54	-----	-----	-----	365.30
Mean	368.19	66.18	-----	-----	-----	366.10
Ranges	280 - 450 mmol/L	55 - 85 mmol/L	-----	-----	-----	300-450 mmol/L
Status	OK	OK	-----	-----	-----	OK

Urine Quality Control (II) : Lot:UQC 2112B-UL-2

Exp: Nov 2023

S.No	Na+	K+	iCa	Li	pH	Cl-
1	682.58	353.35	-----	-----	-----	833.70
2	684.35	353.42	-----	-----	-----	830.00
3	686.38	350.29	-----	-----	-----	832.60
Mean	684.44	352.35	-----	-----	-----	832.10
Ranges	580 - 750 mmol/L	280 - 550 mmol/L	-----	-----	-----	700 - 900 mmol/L
Status	OK	OK	-----	-----	-----	OK

NOTE: iCa/ii/pH/Cl results are the results tested by internal QC Electrodes.

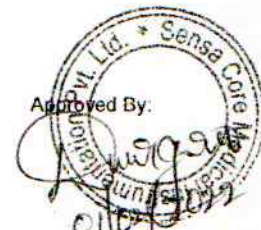
Tested By


Zareef
01/02/2022

Reviewed By:

Kent
01/02/2022

Approved By:



CERTIFICATE OF ANALYSIS		
PRODUCT:	ST 200 CL Plus ELECTROLYTE ANALYZER	
SERIAL NUMBER:	ST-2022029470	
SOFTWARE VERSION:	24SW5.5USF.M024	
CHECK OF SETTING IN "SYSTEM" AND "SETUP" MENU:	PASSED	√
CALIBRATION DATA TEST:	PASSED	√
MEASUREMENT PROCESS TEST:	PASSED	√
INTERNAL PRINTER TEST:	PASSED	√
SERIAL COMMUNICATION TEST:	PASSED	√
CHECK OF SN CONFORMITY IN LABEL, PACKAGE AND PRINTOUT CE LOGO:	PASSED	√
APPEARANCE CHECK OF INSTRUMENT AND ACCESSORIES:	PASSED	√
COMPARISION OF PACKAGE CONTENT TO PACKING CHECKLIST:	PASSED	√
<p>This unit with the serial number indicated above has been checked and released for sale by Sensacore Medical Instrumentation Pvt ltd. The specified values of the "internal check" (see user manual) are within the acceptable confidence range and the unit is able to function correctly under the conditions described in the user manual.</p>		
<p>Date : 01.02.2022</p>	<p>Department Incharge </p>	

Cl- Electrode Test Report

(Certificate Of Analysis)

Product Name : Chloride Electrode
Product Lot : CI2111C67
Reagent Pack Lot : R21105

Date : 20/12/2021

Sr.no	Slope	Quality Control-1 Lot :UQC2111A	Quality Control-2 Lot :UQC2111A	Quality Control-3 Lot :UQC2111A
1	59.22	83.7	98.5	121.0
2	58.77	83.7	98.4	121.0
3	59.25	83.2	98.7	121.1
Mean	59.08	83.5	98.5	121.0
Range	30-100	72-90	94-108	112-130
Units	mv	mmol/L	mmol/L	mmol/L

Sr.no	Urine Control-1 Lot :UQC2110A	Urine Control-2 Lot :UQC2110A	BioRad-1 Lot:26471	BioRad-2 Lot:26492
1	361.45	825.63	96.2	84.1
2	362.05	825.23	96.5	84.1
3	362.08	825.24	96.2	84.0
Mean	361.86	825.37	96.3	84.1
Range	300-450	700-900	90.2-106	76-89.3
Units	mmol/L	mmol/L	mmol/L	mmol/L

Product Specification : Quantitative Estimation In Human Blood, Serum & Urine Using Ion Selective Method.

Status : PASSED

Reviewed & Approved by

Dept Incharge

Sign&Date :



INSTALLATION REPORT

F02/SC/FQC/SOP/001-00

NAME & ADDRESS OF THE INSTALLATION PLACE:

MDC LAB & X-RAY
Opp AlFalab masjid, Clubkundu Road,
Mananthavady. Ph. 9288.658471
Wayanad: 670 645

NAME OF THE ANALYZER : SI 200 CL plus elebajns No. : SI 9470 (S)

PARAMETERS :

SODIUM (Na⁺) : Na 2112 E 40 POTASSIUM (K⁺) : K 211 20 20

CHLORIDE (Cl⁻) : Cl 2 111 167 LITHIUM (Li⁺) : -

IONIZED CALCIUM (iCa²⁺) : - pH : - HCO₃⁻ : -

BUBBLE DETECTOR : USSBD 2112152 REFERENCE : RESch 2211 2301

INSTALLED ON : 19-02-2022


WARRANTY ENDS ON : 18-02-2024

COMMENTS IF ANY :

INSTALLED BY

(NAME): Mohamed Thameer ku


NAME OF THE DISTRIBUTOR: Eternet Enterprise

SIGNATURE: 


DATE: 19-02-2022

SEAL:

INSTALLED

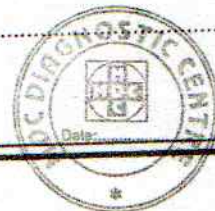
AT: 

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NAME: 

DESIGNATION:

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