

INSTALLATION REPORT

ST-200 aQua
Electrolyte Analyser

NAME & ADDRESS OF THE INSTALLATION PLACE:

ASHWINI DIAGNOSTICS
29-12-6, Venkatarajam Street, Nakkal Road
IVth lane, Vijayawada - 520 002, A.P. India
Ph: 0866-6625679, 9246477147

NAME OF THE ANALYZER: ST-200 Aqua S. No. 2020110734

PARAMETERS:

K / Na / Ca: S12011316 Li / pH / Cl: SHAGN2006319

BUBBLE DETECTOR: U55012011975 REFERENCE: Ref Uch2011A99

INSTALLED ON: 03-12-2020 (M Stopped)

WARRANTY ENDS ON: 02-12-2025

COMMENTS IF ANY: Installation Successful and three level within in Target

INSTALLED BY

(NAME): V. Ravi

NAME OF THE DISTRIBUTOR: S.M.S (Vijayawada)

SIGNATURE: [Signature]

DATE: 03/12/2020

SEAL:

INSTALLED

AT: ASHWINI DIAGNOSTICS

SIGNATURE: [Signature]

NAME: ASHWINI DIAGNOSTICS

D.No: 29-12-6, Venkatarajam Street,

S.M.S (Vijayawada) - 520 002,

DESIGNATION: [Signature]
Ph: 0866-6625679, 6625080, 9246477147

SEAL:

SENSA CORE

Sensa Core Medical Instrumentation Pvt. Ltd.
Plot No. 3, E P I R, Fashamylaram, Sangareddy (District), Hyderabad - 502307,
Telangana, INDIA. Tel: +08455 - 223400, www.sensacore.com

SENSA CORE

Plot No.3, EPIP Zone, Pashamylaram, Sangareddy District - 501307, www.sensacore.com

PH-005C/QC/NCP/001

Instrument Name : ST 200 aQua_{Na}/K/ICa/Li/pH/Cl Electrolyte Analyzer

Instrument Number :	STAQW-202010734	Date of Testing	18-11-2020
Software Version :	AQUA.001	"Na" Electrode :	S12011B16
Tested Reagent Lot :	20111	"K" Electrode :	
Bubble Detector :	US50D2011275	"Ca" Electrode :	
"Ref" Electrode :	Ref4ch2011A89	"pH" Electrode :	S4AQN2006B19
		"Blank" :	
		"Cl" Electrode :	

MB NUMBER: UMB13V2011212

Calibration Slope :

S.No	Na+	K+	ICa	Li	pH	Cl-
1	69.73	71.84	38.63	-----	-----	62.23
2	68.98	70.97	38.46	-----	-----	62.12
3	68.99	70.95	38.65	-----	-----	62.47
Mean	69.23	71.25	38.58	-----	-----	62.27
Ranges	35 - 100 mV/decade	35 - 100 mV/decade	15 - 55 mV/decade	-----	-----	30 - 100 mV/decade
Status	OK	OK	OK	-----	-----	OK

Quality Control (I) : Lot:UQC2010A-L1

Exp: Sep 2022

S.No	Na+	K+	ICa	Li	pH	Cl-
1	121.70	1.98	1.77	-----	-----	83.01
2	121.30	1.99	1.76	-----	-----	83.40
3	120.90	1.97	1.76	-----	-----	80.20
Mean	121.30	1.98	1.76	-----	-----	82.20
Ranges	110 - 128 mmol/L	1.54 - 2.54 mmol/L	1.38 - 2.38 mmol/L	-----	-----	69 - 89 mmol/L
Status	OK	OK	OK	-----	-----	OK

Quality Control (II) : Lot:UQC2010A-L2

Exp: Sep 2022

S.No	Na+	K+	ICa	Li	pH	Cl-
1	141.40	3.97	1.25	-----	-----	100.70
2	141.40	3.97	1.25	-----	-----	100.50
3	141.65	3.98	1.26	-----	-----	100.60
Mean	141.48	3.97	1.25	-----	-----	100.60
Ranges	133 - 147 mmol/L	3.53 - 4.53 mmol/L	0.82 - 1.82 mmol/L	-----	-----	89 - 109 mmol/L
Status	OK	OK	OK	-----	-----	OK

Quality Control (III) : Lot:UQC2010A-L3

Exp: Sep 2022

S.No	Na+	K+	ICa	Li	pH	Cl-
1	159.80	5.90	0.79	-----	-----	117.70
2	159.30	5.91	0.80	-----	-----	117.80
3	159.10	5.92	0.81	-----	-----	117.60
Mean	159.40	5.91	0.80	-----	-----	117.70
Ranges	151 - 169 mmol/L	5.52 - 6.52 mmol/L	0.33 - 1.33 mmol/L	-----	-----	108 - 128 mmol/L
Status	OK	OK	OK	-----	-----	OK

Serum :

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

BIO RAD Level (I) : Lot: 26471

Exp: Feb 2023

S.No	Na ⁺	K ⁺	iCa	Li	pH	Cl ⁻
1	149.00	3.98	0.89	.....	.....	96.60
2	148.60	3.97	0.88	.....	.....	97.40
3	148.65	3.98	0.88	.....	.....	96.65
Mean	148.75	3.98	0.88	.....	.....	96.88
Ranges	133 - 153 mmol/L	3.65 - 4.26 mmol/L	0.75 - 1.12 mmol/L	.....	.....	89 - 105 mmol/L
Status	OK	OK	OK	.....	.....	OK

BIO RAD Level (II) : Lot: 26472

Exp: Feb 2023

S.No	Na ⁺	K ⁺	iCa	Li	pH	Cl ⁻
1	128.20	5.78	1.14	.....	.....	85.40
2	128.00	5.80	1.14	.....	.....	86.30
3	128.65	5.79	1.15	.....	.....	85.65
Mean	128.28	5.79	1.14	.....	.....	85.78
Ranges	118 - 135 mmol/L	5.54 - 6.41 mmol/L	0.90 - 1.32 mmol/L	.....	.....	76 - 92 mmol/L
Status	OK	OK	OK	.....	.....	OK

Urine Quality Control (I) : Lot:UQC2010A-UL-1

Exp: Sep 2022

S.No	Na ⁺	K ⁺	iCa	Li	pH	Cl ⁻
1	352.53	65.49	115.79	.....	.....	325.58
2	350.39	65.25	117.12	.....	.....	322.31
3	350.20	65.66	116.24	.....	.....	324.28
Mean	351.04	65.47	116.38	.....	.....	324.06
Ranges	266 - 436 mmol/d	55 - 84 mmol/d	95 - 145 mg/day	.....	.....	271 - 421 mmol/d
Status	OK	OK	OK	.....	.....	OK

Urine Quality Control (II) : Lot:UQC 2010A-UL-2

Exp: Sep 2022

S.No	Na ⁺	K ⁺	iCa	Li	pH	Cl ⁻
1	652.41	382.76	208.70	.....	.....	823.06
2	649.52	382.16	207.61	.....	.....	822.19
3	647.96	381.34	206.93	.....	.....	821.10
Mean	649.96	382.09	207.75	.....	.....	822.12
Ranges	560 - 730 mmol/d	280 - 550 mmol/d	180 - 230 mg/day	.....	.....	700 - 900 mmol/d
Status	OK	OK	OK	.....	.....	OK

Tested By
Ramesh
18/11/2020Reviewed By
[Signature]
18/11/2020Approved By
[Signature]
18/11/2020