

Calibration certificate



Customer Name :- Acharya Tulsi Diagnostics Centre

Department : Department Of Biochemistry-Laboratory Medicine

Address : Jainam Building 58,3rd Main Rd M.K.K.Near Sriramapuram Metro
Station (Pillar No.,190,Mahakavi Kuvempu Rd, Maruthi Extension,
Rajajinagar, Bengaluru,Karnataka 560021

1. Instrument serial no : 2001939
2. Range of the instrument: Optical density Linear form 0-3.5 A
3. Precision & Accuracy study on EM - 200
4. Date of calibration: 01/04/2024
5. Next Calibration Due:31/03/2025

Pressure	Ideal	Actual
	0.9 bar	0.89 bar
Lamp Voltage	12 V	12.07V
Temperature	37 ^o C	37 ^o C

Photometer Calibraion Check	Ok
Cuvette Blank Check	Ok

Wavelength	Off Set	Gain
340	255	572
405	255	369
505	255	415
546	255	419
578	255	438
600	255	460
660	255	492
700	255	434

The instrument does photometer check before each batch of tests is run. It will give an error message if the photometer test fails and it will not run any samples.

Thanking you and assuring of our prompt attention at all times.

Yours faithfully,



ST-200aQua CALIBRATION CERTIFICATE

CUSTOMERS NAME: Acharya Tulsi Diagnostic centre

ADDRESS: #Uno:5B, M.K.K. Road, Near Srirampuram Metro Station Bangalore.

CONTACT NO:

SERIAL NO OF THE INSTRUMENT: STAQW-4951

CALIBRATION DATE: 08/08/2024

VALID TILL: 07/08/2025

CALIBRATION DONE BY: Mr. KIRAN DATE

Calibration Slopes:				
S.No.	Na⁺	K⁺	iCa	Cl⁻
1	66.58	66.45	37.59	57.87
2	66.59	66.30	37.45	57.85
3	66.56	66.40	37.50	57.85
Mean	66.57	66.38	37.51	57.85
Ranges	30-100mV/dec	30-100 mV/dec	15 - 50 mV/dec	30 - 100 mV/dec
Status	O.K	O.K	O.K	O.K

Quality Control 1:	Lot:- UQC2404A-L1			Exp: Sep 2025
S.No.	Na⁺	K⁺	iCa	Cl⁻
1	120.4	2.00	2.01	83.4
2	123.3	2.02	2.00	85.1
3	123.5	1.98	2.05	78.0
Mean	122.4	1.99	2.00	82.1
Ranges	113-128 mmol/L	1.5-2.5mmol/L	1.25-2.25mmol/L	76-90mmol/L
Status	O.K	O.K	O.K	O.K
Quality Control 2:	Lot:- UQC2404A-L2			Exp: Sep 2025
S.No.	Na⁺	K⁺	iCa	Cl⁻
1	138.9	4.01	1.18	103.0
2	140.1	3.98	1.20	102.5
3	141.0	3.99	1.21	103.1
Mean	140.0	3.99	1.19	102.8
Ranges	132-153mmol/L	3.5-4.7mmol/L	0.62-1.62mmol/L	95-111mmol/L
Status	O.K	O.K	O.K	O.K
Quality Control 3:	Lot:- UQC2404A-L3			Exp: Sep 2025
S.No.	Na⁺	K⁺	iCa	Cl⁻
1	161.1	5.89	0.73	119.0
2	160.8	5.90	0.75	120.1
3	160.9	5.93	0.72	121.3
Mean	160.9	5.90	0.73	120.1
Ranges	152-164mmol/L	5.4-6.8mmol/L	0.75-1.15mmol/L	116-128mmol/L
Status	O.K	O.K	O.K	O.K



Signature of Engineer

DATE: 08/08/2024

Signature of Doctor

DATE:

Sensa Core Medical Instrumentation Pvt. Ltd.

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