

ST-200aQua CALIBRATION CERTIFICATE

CUSTOMERS NAME: **Astranest Diagnostics**
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ADDRESS: # 21/8, Konanakunt Cross, Kanakapur Main Road, Bangalore.
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CONTACT NO:
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SERIAL NO OF THE INSTRUMENT: **STAQW-7008**
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CALIBRATION DATE: **30/12/2023**
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VALID TILL: **29/12/2024**
.....

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: | | | | Exp: Sep 2024 |
|---------------------------|-----------------------|----------------------|-----------------|-----------------------|
| 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: | | | | Exp: Sep 2024 |
| 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: | | | | Exp: Sep 2024 |
| 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: 30/12/2023

Signature of Doctor

DATE:

Sensa Core Medical Instrumentation Pvt. Ltd.

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