

Calibration Certificate

Customer Name : MEDIQUEST HEALTHCARE, MANGLORE
Model Name : EL 120 Electrolyte Analyzer
Serial Number : BC2106009
Calibration Date : 25 May, 2022
Validity of Calibration : 24 November, 2022

Authorized Signatory

AGD Biomedicals (P) Ltd

Note : Recommended to perform calibration every 6 months.



Calibration Passed

Model Name : EL 120
 Date of Performance : 25 May, 2022

| Level I | | | | | | | | | | |
|------------|--------|--------|--------|--------|------|------|--------|-----------|------|------|
| Parameters | S1 | S2 | S3 | Mean | SD | CV | Target | Range | 1 SD | 2 SD |
| Sodium | 122.80 | 121.10 | 121.80 | 121.90 | 0.85 | 0.70 | 122.00 | 116-128 | 3.00 | 6.00 |
| Potassium | 2.81 | 2.80 | 2.86 | 2.82 | 0.03 | 1.14 | 2.84 | 2.44-3.24 | 0.20 | 0.40 |
| Chloride | 80.50 | 81.40 | 80.30 | 80.73 | 0.59 | 0.73 | 80.50 | 74.5-86.5 | 3.00 | 6.00 |
| Calcium | 1.75 | 1.75 | 1.75 | 1.75 | 0.00 | 0.00 | 1.78 | 1.48-2.08 | 0.15 | 0.30 |

| Level II | | | | | | | | | | |
|------------|--------|--------|--------|--------|------|------|--------|-------------|------|------|
| Parameters | S1 | S2 | S3 | Mean | SD | CV | Target | Range | 1 SD | 2 SD |
| Sodium | 141.00 | 140.50 | 138.80 | 140.10 | 1.15 | 0.82 | 142.60 | 136.6-148.6 | 3.00 | 6.00 |
| Potassium | 4.30 | 4.35 | 3.99 | 4.21 | 0.20 | 4.63 | 4.17 | 3.77-4.57 | 0.20 | 0.40 |
| Chloride | 107.40 | 108.10 | 106.40 | 107.30 | 0.85 | 0.80 | 107.50 | 101.5-113.5 | 3.00 | 6.00 |
| Calcium | 1.24 | 1.25 | 1.22 | 1.24 | 0.02 | 1.24 | 1.24 | 0.94-1.54 | 0.15 | 0.30 |

| Level III | | | | | | | | | | |
|------------|--------|--------|--------|--------|------|------|--------|-------------|------|------|
| Parameters | S1 | S2 | S3 | Mean | SD | CV | Target | Range | 1 SD | 2 SD |
| Sodium | 161.10 | 161.20 | 163.20 | 161.83 | 1.18 | 0.73 | 160.00 | 154-166 | 3.00 | 6.00 |
| Potassium | 5.87 | 5.95 | 5.91 | 5.91 | 0.04 | 0.68 | 5.87 | 5.47-6.27 | 0.20 | 0.40 |
| Chloride | 122.00 | 123.40 | 123.40 | 122.93 | 0.81 | 0.66 | 120.50 | 114.5-126.5 | 3.00 | 6.00 |
| Calcium | 0.57 | 0.59 | 0.58 | 0.58 | 0.01 | 1.72 | 0.55 | 0.25-0.85 | 0.15 | 0.30 |

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ISO: 9001: 2015
 ISO: 13485: 2016

