

## Mission Control™ Blood Gas and Electrolyte Control - Level 2

| REF DD-92002D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IVD | 2028/10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LOT 2511140 |
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| <b>English</b><br><b>Intended Use:</b><br>MISSION CONTROL™ Blood Gas and Electrolyte Control is an assayed quality control material intended for monitoring the measurements of pH, pCO <sub>2</sub> , pO <sub>2</sub> in blood gas analyzers and sodium, potassium, chloride, lithium, ionized calcium and total carbon dioxide in ISE electrolyte analyzers.                                                                                                                                                                    |  | <b>DEUTSCH</b><br><b>Vorgesehener Gebrauch:</b><br>MISSION CONTROL™ Blutgas- und Elektrolyt-Kontrolle ist eine Qualitätskontrollprüfung, die zur Überwachung der Messungen des pH-Wertes, pCO <sub>2</sub> , pO <sub>2</sub> in Blutgasanalysatoren und Natrium, Kalium, Chlorid, Lithium, ionisiertes Calcium und Total-Kohlendioxid in ISE-Elektrolyt-Analysatoren dient.                                                                                                                                                                                        |     | <b>ESPAÑOL</b><br><b>Uso:</b><br>MISSION CONTROL™ para Gases Arteriales y Electrolitos es un material aprobado para el control de calidad en el monitor de mediciones de pH, pCO <sub>2</sub> , PO <sub>2</sub> en analizadores de gases arteriales y de sodio, potasio, cloruro, litio, calcio ionizado y dióxido de carbono en analizadores de electrolitos.                                                                                                                                                                                                                                                         |             |
| <b>Product Description:</b><br>This control material is provided for monitoring analyzer performance. It is packaged in sealed glass ampules, each containing approximately 1.8 ml of solution. Ampules are packaged 10 per tray with each box containing 3 trays, for a total of 30 ampules per box.                                                                                                                                                                                                                             |  | <b>Produktbeschreibung:</b><br>Dieses Kontrollmaterial ist für die Überwachung der Analyserleistung. Es ist in verschlossenen Glasampullen verpackt mit jeweils etwa 1.8 ml Lösung. Ein Karton beinhaltet 3 Fächer mit jeweils 10 Ampullen. Es sind insgesamt 30 Ampullen pro Karton.                                                                                                                                                                                                                                                                              |     | <b>Português</b><br><b>Uso pretendido:</b><br>MISSION CONTROL™ Controle de gases sanguíneos e eletrólitos é um material ensaiado, que estabelece parâmetros para controle de qualidade de análises, usado para monitorar as medições de pH, pCO <sub>2</sub> e pO <sub>2</sub> em analisadores de gases sanguíneos, e sódio, potássio, cloreto, lítio, cálcio ionizado e dióxido de carbono total em analisadores de eletrólitos ISE.                                                                                                                                                                                  |             |
| <b>Active Ingredients:</b><br>MISSION CONTROL™ is a buffered solution of electrolytes (Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup> , Li <sup>+</sup> , HCO <sub>3</sub> /CO <sub>3</sub> ), it has been equilibrated with specific levels of CO <sub>2</sub> , O <sub>2</sub> , and N <sub>2</sub> . This control contains no human-based materials.                                                                                                                                                    |  | <b>Aktive Inhaltsstoffe:</b><br>MISSION CONTROL™ ist eine gepufferte Lösung von Elektrolyten (Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup> , Li <sup>+</sup> , HCO <sub>3</sub> /CO <sub>3</sub> ). Diese wurde mit bestimmten Ebenen von CO <sub>2</sub> , O <sub>2</sub> und N <sub>2</sub> equilibriert. Diese Kontrolle enthält keine menschlichen Grundmaterialien.                                                                                                                                                                  |     | <b>Chinese</b><br><b>用途:</b><br>MISSION CONTROL™ 是电解质溶液 (Na <sup>+</sup> , K <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>++</sup> , Li <sup>+</sup> , HCO <sub>3</sub> /CO <sub>3</sub> ) 的缓冲溶液, 它已与特定的 CO <sub>2</sub> , O <sub>2</sub> 和 N <sub>2</sub> 平衡而成。本试剂不含有人血物质。                                                                                                                                                                                                                                                                                                                                                |             |
| <b>Directions for Use</b><br>Immediately introduce the liquid from the ampule to the analyzer, following the instrument manufacturer's instructions for sampling a control material. Use direct aspiration, syringe transfer, or capillary mode techniques.                                                                                                                                                                                                                                                                       |  | <b>Gebrauchsanweisung:</b><br>Nach dem Öffnen, führen Sie sofort die Flüssigkeit aus der Ampulle in den Analytiker ein und folgen Sie den Hersteller-Anweisungen für die Probenahme des Kontrollmaterials. Verfahren Sie mit Direkteinleitung, Spritzentransfer oder Kapillar-Modus-Techniken.                                                                                                                                                                                                                                                                     |     | <b>Português</b><br><b>Instruções para uso:</b><br>Introduza o líquido da ampola no analisador, imediatamente após abrir a ampola, seguindo as instruções do fabricante do equipamento para amostra de material de controle. Use aspiração direta, transferência por seringa ou técnica capilar.                                                                                                                                                                                                                                                                                                                       |             |
| <b>Limitation:</b><br>1. This control is sensitive to many instrument related factors that affect analytical results. Because it is not a blood-based material, it may not detect certain malfunctions, which would affect the testing of blood.<br><br>2. This product is intended for use as a quality control material and can assist in evaluating the performance of laboratory instruments. It is not for use as a calibration standard and its use should not replace other aspects of a complete quality control program. |  | <b>Begrenzung:</b><br>1. Diese Kontrolle ist auf viele Instrument-bezogenen Faktoren empfindlich, die das analytische Ergebnis beeinflussen. Da es kein echtes Blutmaterial ist, kann es daher keine Störungen, die sich in der Untersuchung von richtigem Blut zeigen, erkennen.<br><br>2. Dieses Produkt dient als Qualitätskontrolle und soll als Bewerter fuer die Leistung von Laborgeräten eingesetzt werden. Es ist kein Kalibrierstandard und dessen Verwendung sollte nicht an Stelle von anderen kompletten Qualitätskontroll-Programmen Ersatz leisten. |     | <b>Limitações:</b><br>1. Este controle é sensível a muitos fatores relacionados aos equipamentos, que afetam resultados analíticos. Devido a este material não ter base sanguínea, não poderá detectar algumas anomalias que poderiam afetar los resultados de pruebas de sangre.<br><br>2. La intención de este producto es que sea usado como material de control de calidad y pueda asistir en la evaluación del funcionamiento de instrumentos de laboratorio. Esta solución no es para ser usada como un estándar de calibración y no puede ser reemplazado en otros aspectos del programa de control de calidad. |             |
| <b>Storage:</b><br>Store at 18-25°C. Avoid freezing and exposure to temperatures greater than 30°C. You may also store at 4-25°C without adverse effect.                                                                                                                                                                                                                                                                                                                                                                          |  | <b>Lagerung:</b><br>Bei 18-25°C aufbewahren. Vermeiden Sie Einfrierung und Aussetzung bei Temperaturen von mehr als 30°C. Die Lagerung bei 4-25°C ist ohne negative Auswirkung.                                                                                                                                                                                                                                                                                                                                                                                    |     | <b>Armazenamento:</b><br>Armazene em 18 - 25°C. Evite congelamento e exposição a temperaturas superiores a 30°C. Também pode ser armazenado de 4 - 25°C, sem efeitos adversos.                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
| <b>Expected Ranges:</b><br>The values for each control analyte on the enclosed Expected Ranges Chart are based on multiple determinations performed on randomly selected samples from each lot. The listing for each instrument represents the expected range for these ampules when tested at 23°C. (Note: pO <sub>2</sub> values will vary inversely by about one percent (1%) per degree C that the temperature of the ampules varies from 23°C).                                                                              |  | <b>Wertbereiche:</b><br>Die Werte für jeden Kontrollanalyt auf der beiliegenden Wertbereichstabelle basieren auf mehreren Ermittlungen, die von zufällig ausgewählten Proben von jeder Partie stammen. Die Liste für jedes Instrument beschreibt das erwartete Resultat für die jeweilige Ampulle bei der Prüfung bei 23°C. (Hinweis: pO <sub>2</sub> Werte variieren um ungefähr um rund ein Prozent (1%) pro Grad C, die Temperatur der Ampulle variiert um 23°C).                                                                                               |     | <b>Valores esperados:</b><br>El inserto con los valores esperados para cada parámetro se ha basado en múltiples determinaciones hechas con muestras seleccionadas aleatoriamente por cada lote. El listado para cada instrumento representa el rango esperado por prueba usando ampollitas a temperatura de 23°C. (Nota: los valores de pO <sub>2</sub> pueden variar inversamente en un por ciento (1%) por cada grado Celsius en proporción a la variación de la temperatura desde 23°C).                                                                                                                            |             |
| The Expected Ranges are provided as a guide in evaluating analyzer performance. Since instrument design and operating conditions may vary, each laboratory should establish its own expected values and control limits. The mean value established should fall within the Expected Ranges shown on the chart.                                                                                                                                                                                                                     |  | Die erwarteten Wertbereiche sollen als Leitfaden bei der Bewertung der Leistung von Analytengeräten dienen. Da die Instrumentauführung und Betriebsbedingungen variieren können, sollte jedes Labor seine eigenen Wertwartungen und Kontrollbeschränkungen erstellen. Der selbst-erstellte Mittelwert sollte dem auf der vorgegebenen Wertbereichstabelle entsprechen.                                                                                                                                                                                             |     | Los rangos esperados se suministran como una guía en la evaluación del funcionamiento de los analizadores. Las condiciones pueden haber variado desde que los instrumentos fueron diseñados y cada laboratorio deberá de establecer su propio criterio de aceptación de valores.                                                                                                                                                                                                                                                                                                                                       |             |
| <b>IVD</b><br>For in vitro Diagnostic Use<br>In vitro Diagnostik<br>Para uso diagnóstico in vitro<br>Unter Angabe des Lagerortes in vitro<br>In vitro diagnostisch<br>仅供体外诊断用<br>для использования в диагностике in vitro                                                                                                                                                                                                                                                                                                         |  | <b>CE</b><br>European Conformity<br>CE-Konformitätsbescheinigung<br>Conformité aux normes européennes<br>Conformidade europeia<br>Conformidade com as normas europeias<br>Europäisch übereinstimmende<br>符 合 欧 洲 标准<br>Европейська Адекватність                                                                                                                                                                                                                                                                                                                    |     | <b>LOT</b><br>Lot Number<br>Chargen-Nr.<br>Número de lote<br>Numero di lotto<br>Utilizar até (AAAA-MM-DD)<br>Batchnummer<br>批 号<br>Номер партии                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |
| <b>EC REP</b><br>Authorized Representative<br>Representant agréé<br>Representante autorizado<br>Representante autorizado<br>Auktorisiert representant<br>Санкціонований представник                                                                                                                                                                                                                                                                                                                                               |  | <b>REF</b><br>Catalog Number<br>Katalognummer<br>Número de catálogo<br>Número de catálogo<br>Número de catálogo<br>Каталог<br>产品编号<br>Номер артикула                                                                                                                                                                                                                                                                                                                                                                                                               |     | <b>USE BY (YYYY-MM-DD)</b><br>Verwendbar bis (JJJJ-MM-TT)<br>Date de péremption (AAAA-MM-JJ)<br>Usar hasta el (AAAA-MM-DD)<br>Utilizar até (AAAA-MM-DD)<br>Anvend før (AAAA-MM-DD)<br>有效期至 (YYYY-MM-DD)<br>Использовать для (год, месяц, день (расчет))                                                                                                                                                                                                                                                                                                                                                                |             |

# Mission Control™

## Blood Gas and Electrolyte Control - Level 2

| Expected Ranges Chart                                          | pH     |        |          | pCO <sub>2</sub> mmHg |       |         | pO <sub>2</sub> mmHg |      |        | Na <sup>+</sup> mmol/L |      |        | K <sup>+</sup> mmol/L |       |         | Ca <sup>++</sup> mmol/L |       |         | Ca <sup>++</sup> mg/dL |       |         | Cl <sup>-</sup> mmol/L |     |        | Li <sup>+</sup> mmol/L |      |        | tCO <sub>2</sub> mmol/L |     |      |
|----------------------------------------------------------------|--------|--------|----------|-----------------------|-------|---------|----------------------|------|--------|------------------------|------|--------|-----------------------|-------|---------|-------------------------|-------|---------|------------------------|-------|---------|------------------------|-----|--------|------------------------|------|--------|-------------------------|-----|------|
| Blood Gas/ISE Analyzer                                         | Mean   | Min    | Max      | Mean                  | Min   | Max     | Mean                 | Min  | Max    | Mean                   | Min  | Max    | Mean                  | Min   | Max     | Mean                    | Min   | Max     | Mean                   | Min   | Max     | Mean                   | Min | Max    | Mean                   | Min  | Max    | Mean                    | Min | Max  |
| AADEE SA µGases                                                | *7.382 | *7.323 | - *7.441 | *41.6                 | *35.6 | - *47.6 | *200                 | *182 | - *218 |                        |      |        |                       |       |         |                         |       |         |                        |       |         |                        |     |        |                        |      |        |                         |     |      |
| AADEE SA µise                                                  |        |        |          |                       |       |         |                      |      |        | *148                   | *142 | - *155 | *4.36                 | *4.03 | - *4.70 | *1.38                   | *1.20 | - *1.56 | *5.52                  | *4.80 | - *6.24 | *96                    | *88 | - *104 |                        |      |        |                         |     |      |
| AADEE SA RUMI BG                                               | *7.38  | *7.32  | - *7.43  | *37.5                 | *31.5 | - *43.5 | *190                 | *172 | - *208 |                        |      |        |                       |       |         |                         |       |         |                        |       |         |                        |     |        |                        |      |        |                         |     |      |
| Caretum XI-921                                                 | 7.66   | 7.57   | - 7.75   |                       |       |         |                      |      |        | 145                    | 138  | - 152  | 4.47                  | 4.13  | - 4.81  | 1.27                    | 1.10  | - 1.44  | 5.07                   | 4.40  | - 5.76  | 95                     | 87  | - 103  |                        |      |        |                         |     |      |
| CMD CMDLyte                                                    |        |        |          |                       |       |         |                      |      |        | 138                    | 131  | - 145  | 4.01                  | 3.67  | - 4.35  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 98                     | 90  | - 106  | 0.94                   | 0.81 | - 1.07 |                         |     |      |
| CMD CMDLyte Plus                                               |        |        |          |                       |       |         |                      |      |        | 140                    | 133  | - 147  | 4.43                  | 4.09  | - 4.77  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 96                     | 88  | - 104  | 1.03                   | 0.83 | - 1.23 |                         |     |      |
| Convergent ISE/BG                                              | 7.40   | 7.34   | - 7.46   | 40.0                  | 34.0  | - 46.0  | 212                  | 194  | - 230  | 144                    | 137  | - 151  | 3.94                  | 3.64  | - 4.24  | 1.17                    | 1.01  | - 1.32  | 4.67                   | 4.04  | - 5.28  | 98                     | 90  | - 106  | 1.24                   | 1.11 | - 1.37 |                         |     |      |
| Cormay Coryte Analyzer                                         |        |        |          |                       |       |         |                      |      |        | 138                    | 131  | - 145  | 4.01                  | 3.67  | - 4.35  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 98                     | 90  | - 106  | 0.94                   | 0.81 | - 1.07 |                         |     |      |
| Cornley AFT-400, 500 Series                                    | 7.23   | 7.18   | - 7.29   |                       |       |         |                      |      |        | 142                    | 135  | - 149  | 4.27                  | 3.94  | - 4.61  | 1.30                    | 1.14  | - 1.46  | 5.21                   | 4.56  | - 5.84  | 96                     | 88  | - 105  | 0.93                   | 0.80 | - 1.07 |                         |     |      |
| Diamond CARELYTE                                               |        |        |          |                       |       |         |                      |      |        | 145                    | 138  | - 152  | 4.23                  | 3.89  | - 4.57  | 1.16                    | 0.99  | - 1.33  | 4.64                   | 3.96  | - 5.32  | 105                    | 96  | - 113  | 0.96                   | 0.83 | - 1.09 |                         |     |      |
| Diamond CARELYTE PLUS                                          |        |        |          |                       |       |         |                      |      |        | 146                    | 139  | - 153  | 4.38                  | 4.04  | - 4.72  | 1.19                    | 1.02  | - 1.36  | 4.76                   | 4.08  | - 5.44  | 102                    | 93  | - 110  | 1.00                   | 0.87 | - 1.13 |                         |     |      |
| Diamond PROLYTE                                                |        |        |          |                       |       |         |                      |      |        | 141                    | 133  | - 148  | 4.30                  | 3.86  | - 4.74  | *1.36                   | *1.20 | - *1.52 | *5.44                  | *4.80 | - *6.08 | 96                     | 88  | - 104  | 1.08                   | 0.95 | - 1.21 |                         |     |      |
| Diamond SMARTLYTE, GEMLYTE                                     |        |        |          |                       |       |         |                      |      |        | 138                    | 131  | - 145  | 4.01                  | 3.67  | - 4.35  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 98                     | 90  | - 106  | 0.94                   | 0.81 | - 1.07 |                         |     |      |
| Diamond SMARTLYTE PLUS                                         |        |        |          |                       |       |         |                      |      |        | 140                    | 133  | - 147  | 4.43                  | 4.09  | - 4.77  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 96                     | 88  | - 104  | 1.03                   | 0.83 | - 1.23 |                         |     |      |
| Diamond UNITY                                                  |        |        |          |                       |       |         |                      |      |        | 143                    | 136  | - 150  | 4.23                  | 3.89  | - 4.57  |                         |       |         |                        |       |         | 97                     | 89  | - 105  |                        |      |        |                         |     |      |
| Erba Mannheim, EC 90                                           |        |        |          |                       |       |         |                      |      |        | 157                    | 142  | - 172  | 4.50                  | 4.11  | - 4.89  | 1.28                    | 1.16  | - 1.40  | 5.11                   | 4.64  | - 5.60  | 111                    | 99  | - 123  |                        |      |        |                         |     |      |
| Eschweiler Comblime                                            | 7.381  | 7.322  | - 7.440  | 31.6                  | 25.7  | - 37.5  | 214                  | 197  | - 232  | 148                    | 142  | - 155  | 4.38                  | 4.05  | - 4.72  | 1.30                    | 1.13  | - 1.46  | 5.19                   | 4.52  | - 5.84  | 104                    | 96  | - 113  | 1.06                   | 0.93 | - 1.19 |                         |     |      |
| Eschweiler Combisys II                                         | 7.381  | 7.322  | - 7.440  | 28.3                  | 22.4  | - 34.2  | 215                  | 197  | - 233  | 148                    | 142  | - 155  | 4.38                  | 4.05  | - 4.72  | 1.30                    | 1.13  | - 1.46  | 5.19                   | 4.52  | - 5.84  | 104                    | 96  | - 113  | 1.06                   | 0.93 | - 1.19 |                         |     |      |
| Eschweiler ECOlyTE                                             |        |        |          |                       |       |         |                      |      |        | 146                    | 140  | - 153  | 4.38                  | 4.05  | - 4.72  | 1.30                    | 1.13  | - 1.46  | 5.19                   | 4.52  | - 5.84  | 104                    | 96  | - 113  | 1.06                   | 0.93 | - 1.19 |                         |     |      |
| Eschweiler ECOSYS II                                           | 7.381  | 7.322  | - 7.440  | 28.3                  | 22.4  | - 34.2  | 215                  | 197  | - 233  |                        |      |        |                       |       |         |                         |       |         |                        |       |         |                        |     |        |                        |      |        |                         |     |      |
| Helgalyte Plus                                                 |        |        |          |                       |       |         |                      |      |        | 140                    | 133  | - 147  | 4.43                  | 4.09  | - 4.77  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 96                     | 88  | - 104  | 1.03                   | 0.83 | - 1.23 |                         |     |      |
| Honiba Yumizen E100                                            |        |        |          |                       |       |         |                      |      |        | 140                    | 133  | - 147  | 4.43                  | 4.09  | - 4.77  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 96                     | 88  | - 104  | 1.03                   | 0.83 | - 1.23 |                         |     |      |
| IDEXX VetLyte                                                  |        |        |          |                       |       |         |                      |      |        | 150                    | 143  | - 157  | 4.46                  | 4.12  | - 4.80  |                         |       |         |                        |       |         | 102                    | 93  | - 110  |                        |      |        |                         |     |      |
| IL 1610, 1620                                                  | 7.358  | 7.299  | - 7.417  | 43.3                  | 37.4  | - 49.2  | 186                  | 169  | - 203  |                        |      |        |                       |       |         |                         |       |         |                        |       |         |                        |     |        |                        |      |        |                         |     |      |
| IL 1630, 1640, 1650                                            | 7.358  | 7.299  | - 7.417  | 43.3                  | 37.4  | - 49.2  | 185                  | 168  | - 202  | 144                    | 138  | - 151  | 3.94                  | 3.63  | - 4.25  | 1.24                    | 1.08  | - 1.41  | 4.97                   | 4.32  | - 5.64  | 100                    | 92  | - 108  |                        |      |        |                         |     |      |
| IL BGE                                                         | 7.358  | 7.299  | - 7.417  | 43.3                  | 37.4  | - 49.2  | 184                  | 167  | - 201  | 142                    | 136  | - 149  | 3.94                  | 3.63  | - 4.25  | 1.24                    | 1.08  | - 1.41  | 4.97                   | 4.32  | - 5.64  | 100                    | 92  | - 108  |                        |      |        |                         |     |      |
| IL Gem Premier, 3000, 3500                                     | 7.431  | 7.372  | - 7.490  | 37.0                  | 31.0  | - 43.0  | 205                  | 187  | - 223  | 146                    | 139  | - 153  | 4.04                  | 3.73  | - 4.36  | 1.31                    | 1.14  | - 1.48  | 5.23                   | 4.56  | - 5.92  |                        |     |        |                        |      |        |                         |     |      |
| IL Gem Premier, 4000                                           | 7.421  | 7.362  | - 7.480  | 37.0                  | 31.0  | - 43.0  | 209                  | 191  | - 227  | 142                    | 135  | - 149  | 4.44                  | 4.13  | - 4.76  | 1.34                    | 1.17  | - 1.51  | 5.35                   | 4.68  | - 6.04  | 99                     | 91  | - 108  |                        |      |        |                         |     |      |
| IL Gem Premier, 5000                                           | 7.373  | 7.314  | - 7.432  | 38.5                  | 32.5  | - 44.5  | 186                  | 168  | - 204  | 139                    | 132  | - 146  | 4.14                  | 3.83  | - 4.46  | 1.29                    | 1.12  | - 1.46  | 5.14                   | 4.48  | - 5.84  | 100                    | 92  | - 109  |                        |      |        |                         |     |      |
| IL ILyte                                                       | 7.390  | 7.331  | - 7.449  |                       |       |         |                      |      |        | 147                    | 140  | - 154  | 4.26                  | 3.92  | - 4.59  | 1.35                    | 1.17  | - 1.53  | 5.41                   | 4.68  | - 6.12  | 100                    | 92  | - 108  | 1.2                    | 1.07 | - 1.33 |                         |     |      |
| IL Synthesis 10, 15, 20, 25, 30, 35, 40, 45                    | 7.358  | 7.299  | - 7.417  | 39.3                  | 33.8  | - 44.7  | 191                  | 173  | - 209  | 144                    | 138  | - 151  | 3.90                  | 3.59  | - 4.20  | 1.24                    | 1.08  | - 1.41  | 4.97                   | 4.32  | - 5.64  | 101                    | 92  | - 109  |                        |      |        |                         |     |      |
| Intherma S-Lyte                                                |        |        |          |                       |       |         |                      |      |        | 138                    | 131  | - 145  | 4.01                  | 3.67  | - 4.35  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 98                     | 90  | - 106  | 0.94                   | 0.81 | - 1.07 |                         |     |      |
| ITC IRMA TRUpoint                                              | 7.38   | 7.32   | - 7.44   | 42.9                  | 37.0  | - 48.8  | 194                  | 175  | - 213  |                        |      |        |                       |       |         |                         |       |         |                        |       |         |                        |     |        |                        |      |        |                         |     |      |
| Max Ion                                                        | 7.23   | 7.17   | - 7.29   |                       |       |         |                      |      |        | 142                    | 135  | - 149  | 4.27                  | 3.93  | - 4.60  | 1.30                    | 1.14  | - 1.46  | 4.29                   | 3.96  | - 5.32  | 96                     | 88  | - 105  | 0.93                   | 0.80 | - 1.07 |                         |     |      |
| Medica EasyBloodGas                                            | 7.40   | 7.34   | - 7.46   | 40.0                  | 34.0  | - 46.0  | 208                  | 190  | - 226  |                        |      |        |                       |       |         |                         |       |         |                        |       |         |                        |     |        |                        |      |        |                         |     |      |
| Medica EasyElectrolytes                                        |        |        |          |                       |       |         |                      |      |        | 149                    | 142  | - 156  | 4.26                  | 3.92  | - 4.59  |                         |       |         |                        |       |         | 101                    | 93  | - 109  | 1.19                   | 1.06 | - 1.32 |                         |     |      |
| Medica EasyLyte Na/K, Na/K/Cl, Na/K/Li, Na/K/CV/Li, Na/K/pH/Ca | 7.390  | 7.331  | - 7.449  |                       |       |         |                      |      |        | 144                    | 137  | - 151  | 4.10                  | 3.77  | - 4.44  | 1.38                    | 1.20  | - 1.56  | 5.51                   | 4.80  | - 6.24  | 97                     | 89  | - 106  | 1.2                    | 1.07 | - 1.33 |                         |     |      |
| Medica EasyStat                                                | 7.40   | 7.34   | - 7.46   | 40.0                  | 34.0  | - 46.0  | 212                  | 194  | - 230  | 144                    | 137  | - 151  | 3.94                  | 3.64  | - 4.24  | 1.17                    | 1.01  | - 1.32  | 4.67                   | 4.04  | - 5.28  | 95                     | 87  | - 103  | 1.24                   | 1.11 | - 1.37 |                         |     |      |
| Medica ISE Module                                              |        |        |          |                       |       |         |                      |      |        | 150                    | 143  | - 157  | 4.26                  | 3.92  | - 4.59  |                         |       |         |                        |       |         | 103                    | 95  | - 111  | 1.19                   | 1.06 | - 1.32 |                         |     |      |
| MH Lab-ISE                                                     |        |        |          |                       |       |         |                      |      |        | 138                    | 131  | - 145  | 4.01                  | 3.67  | - 4.35  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 98                     | 90  | - 106  | 0.94                   | 0.81 | - 1.07 |                         |     |      |
| MH Lab-ISE Plus                                                |        |        |          |                       |       |         |                      |      |        | 140                    | 133  | - 147  | 4.43                  | 4.09  | - 4.77  | 1.26                    | 1.09  | - 1.43  | 5.04                   | 4.36  | - 5.72  | 96                     | 88  | - 104  | 1.03                   | 0.83 | - 1.23 |                         |     |      |
| Nova Electrolyte Systems                                       | 7.368  | 7.309  | - 7.418  |                       |       |         |                      |      |        | 146                    | 139  | - 153  | 4.24                  | 3.91  | - 4.57  | 1.20                    | 1.04  | - 1.36  | 4.81                   | 4.16  | - 5.44  | 100                    | 92  | - 109  | 1.17                   | 1.04 | - 1.30 | 41                      | 37  | - 45 |
| Nova Stat Profile Systems                                      | 7.368  | 7.309  | - 7.418  | 43.3                  | 37.4  | - 49.2  | 181                  | 165  | - 197  | 145                    | 139  | - 152  | 4.24                  | 3.91  | - 4.57  | 1.20                    | 1.04  | - 1.36  | 4.81                   | 4.16  | - 5.44  | 100                    |     |        |                        |      |        |                         |     |      |