

|                                   |               |               |              |              |             |               |              |               |  |              |              |              |  |
|-----------------------------------|---------------|---------------|--------------|--------------|-------------|---------------|--------------|---------------|--|--------------|--------------|--------------|--|
| <b>Weigh-in</b>                   | <b>1839</b>   | <b>9065</b>   | <b>72</b>    | <b>561</b>   | <b>64</b>   | <b>6659</b>   | <b>48</b>    | <b>3213</b>   |  | <b>656</b>   | <b>693</b>   | <b>627</b>   |  |
| <b>Bias of Mean from Weigh-in</b> | -3.4%         | -9.9%         | -28.6%       | -21.7%       | 0.0%        | -13.4%        | -29.6%       | -9.9%         |  | -0.9%        | -22.1%       | -14.2%       |  |
| <b>Mean</b>                       | <b>1776.0</b> | <b>8166.0</b> | <b>51.4</b>  | <b>439.4</b> | <b>64.0</b> | <b>5767.0</b> | <b>33.8</b>  | <b>2894.0</b> |  | <b>650.0</b> | <b>540.0</b> | <b>537.8</b> |  |
| <b>SD</b>                         | <b>160.9</b>  | <b>755.0</b>  | <b>8.5</b>   | <b>30.5</b>  | <b>4.0</b>  | <b>701.0</b>  | <b>6.2</b>   | <b>489.0</b>  |  | <b>50.0</b>  | <b>57.8</b>  | <b>53.5</b>  |  |
| <b>CV%</b>                        | <b>9.1%</b>   | <b>9.2%</b>   | <b>16.5%</b> | <b>6.9%</b>  | <b>6.3%</b> | <b>12.2%</b>  | <b>18.3%</b> | <b>16.9%</b>  |  | <b>7.7%</b>  | <b>10.7%</b> | <b>9.9%</b>  |  |
| <b>N</b>                          | <b>43</b>     | <b>39</b>     | <b>38</b>    | <b>45</b>    | <b>34</b>   | <b>42</b>     | <b>36</b>    | <b>40</b>     |  | <b>30</b>    | <b>36</b>    | <b>36</b>    |  |
|                                   |               |               |              |              |             |               |              |               |  |              |              |              |  |
| <b>Evaluation Criteria*</b>       | <b>20%</b>    | <b>20%</b>    | <b>2 SD</b>  | <b>20%</b>   | <b>15%</b>  | <b>2 SD</b>   | <b>2 SD</b>  | <b>2 SD</b>   |  | <b>20%</b>   | <b>2 SD</b>  | <b>20%</b>   |  |

\* denotes allowable range = mean  $\pm$  % or SD of Mean

## Tabulation of Reported Drug Concentrations Directed Quantification Specimens SR7 - SR8

| Buprenorphine |      | Buprenorphine |     | Fentanyl |     | Fentanyl |     | Hydromorphone |      | Hydromorphone |     | Hydrocodone |     | Hydrocodone |     | Lorazepam |     | Lorazepam |     |
|---------------|------|---------------|-----|----------|-----|----------|-----|---------------|------|---------------|-----|-------------|-----|-------------|-----|-----------|-----|-----------|-----|
| SR7           | SR8  | SR7           | SR8 | SR7      | SR8 | SR7      | SR8 | SR7           | SR8  | SR7           | SR8 | SR7         | SR8 | SR7         | SR8 | SR7       | SR8 | SR7       | SR8 |
| 179           | 518  | 4             | 12  | 87       | 240 | 34       | 96  | 214           | 652  |               |     |             |     |             |     |           |     |           |     |
| 181           | 542  | 6             | 16  | 100      | 272 | 35       | 110 | 265           | 685  |               |     |             |     |             |     |           |     |           |     |
| 191           | 573  | 6             | 16  | 103      | 320 | 37       | 116 | 280           | 844  |               |     |             |     |             |     |           |     |           |     |
| 194           | 588  | 7             | 19  | 115      | 323 | 42       | 121 | 286           | 850  |               |     |             |     |             |     |           |     |           |     |
| 194           | 599  | 7             | 20  | 115      | 325 | 42       | 122 | 291           | 861  |               |     |             |     |             |     |           |     |           |     |
| 197           | 614  | 7             | 20  | 115      | 331 | 43       | 126 | 293           | 866  |               |     |             |     |             |     |           |     |           |     |
| 198           | 616  | 8             | 21  | 116      | 344 | 45       | 127 | 294           | 872  |               |     |             |     |             |     |           |     |           |     |
| 198           | 623  | 8             | 21  | 117      | 349 | 45       | 127 | 297           | 879  |               |     |             |     |             |     |           |     |           |     |
| 200           | 625  | 8             | 22  | 119      | 350 | 47       | 129 | 305           | 888  |               |     |             |     |             |     |           |     |           |     |
| 201           | 631  | 8             | 22  | 119      | 351 | 49       | 132 | 307           | 921  |               |     |             |     |             |     |           |     |           |     |
| 212           | 635  | 8             | 23  | 119      | 355 | 50       | 132 | 313           | 944  |               |     |             |     |             |     |           |     |           |     |
| 213           | 647  | 8             | 24  | 121      | 360 | 50       | 134 | 317           | 987  |               |     |             |     |             |     |           |     |           |     |
| 216           | 654  | 8             | 24  | 122      | 362 | 52       | 134 | 322           | 1012 |               |     |             |     |             |     |           |     |           |     |
| 217           | 658  | 8             | 24  | 123      | 364 | 54       | 135 | 333           | 1023 |               |     |             |     |             |     |           |     |           |     |
| 218           | 660  | 8             | 25  | 124      | 366 | 68       | 136 | 335           | 1036 |               |     |             |     |             |     |           |     |           |     |
| 218           | 663  | 8             | 25  | 124      | 368 | 70       | 137 | 340           | 1040 |               |     |             |     |             |     |           |     |           |     |
| 224           | 678  | 8             | 25  | 126      | 369 |          | 138 | 341           | 1059 |               |     |             |     |             |     |           |     |           |     |
| 225           | 680  | 8             | 25  | 127      | 370 |          | 139 | 346           | 1104 |               |     |             |     |             |     |           |     |           |     |
| 230           | 707  | 8             | 25  | 127      | 374 |          | 139 | 348           | 1120 |               |     |             |     |             |     |           |     |           |     |
| 232           | 720  | 9             | 25  | 128      | 375 |          | 141 | 355           | 1154 |               |     |             |     |             |     |           |     |           |     |
| 240           | 721  | 9             | 26  | 129      | 377 |          | 142 | 363           | 1172 |               |     |             |     |             |     |           |     |           |     |
| 260           | 727  | 9             | 26  | 131      | 384 |          | 142 | 363           | 1182 |               |     |             |     |             |     |           |     |           |     |
| 276           | 768  | 10            | 26  | 132      | 386 |          | 143 | 365           | 1200 |               |     |             |     |             |     |           |     |           |     |
| 303           | 940  | 10            | 29  | 133      | 392 |          | 144 | 381           | 1227 |               |     |             |     |             |     |           |     |           |     |
|               | 1030 | 11            | 32  | 134      | 397 |          | 145 | 381           | 1241 |               |     |             |     |             |     |           |     |           |     |
|               |      |               | 41  | 137      | 401 |          | 147 | 383           | 1266 |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 138      | 402 |          | 147 | 404           | 1290 |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 139      | 404 |          | 149 | 435           | 1322 |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 140      | 405 |          | 149 | 445           | 1372 |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 142      | 408 |          | 150 | 456           | 1426 |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 142      | 429 |          | 150 |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 144      | 429 |          | 153 |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 147      | 429 |          | 159 |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 171      | 452 |          | 160 |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     | 195      | 479 |          |     |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     |          |     |          |     |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     |          |     |          |     |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     |          |     |          |     |               |      |               |     |             |     |             |     |           |     |           |     |
|               |      |               |     |          |     |          |     |               |      |               |     |             |     |             |     |           |     |           |     |

|                            |  |  |        |        |       |       |        |        |        |        |        |        |
|----------------------------|--|--|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|
| Weigh-in                   |  |  | 255    | 765    | 8.0   | 24    | 140    | 421    | 56     | 167    | 442    | 1325   |
| Bias of Mean from Weigh-in |  |  | -17.3% | -15.3% | 0.0%  | -2.9% | -10.0% | -11.4% | -18.2% | -17.7% | -24.4% | -21.5% |
| Mean                       |  |  | 210.8  | 647.7  | 8.0   | 23.3  | 126.0  | 373.0  | 45.4   | 137.5  | 334.2  | 1040.4 |
| SD                         |  |  | 21.2   | 64.3   | 1.0   | 4.0   | 12.9   | 40.8   | 7.3    | 13.7   | 52.0   | 200.0  |
| CV%                        |  |  | 10.1%  | 9.9%   | 12.5% | 17.2% | 10.2%  | 10.9%  | 16.1%  | 10.0%  | 15.6%  | 19.2%  |
| N                          |  |  | 24     | 25     | 25    | 27    | 36     | 36     | 16     | 35     | 30     | 30     |
| Evaluation Criteria        |  |  | 20%    | 20%    | 2 SD  | 2 SD  | 2 SD   | 2 SD   | 2 SD   | 20%    | 2 SD   | 2 SD   |

Highlighted cells denote outlier results