

| Calibration Name | Sample Weight (g) | C-3 Peak Height | C-10 Peak Height | Corrected C-8 | O- 148.0 |         |             | O- 309.0 |         |             | O- 456.0 |         |             | O- 609.0 |         |             |
|------------------|-------------------|-----------------|------------------|---------------|----------|---------|-------------|----------|---------|-------------|----------|---------|-------------|----------|---------|-------------|
|                  |                   |                 |                  |               | m        | b       | Correlation | m        | b       | Correlation | m        | b       | Correlation | m        | b       | Correlation |
|                  |                   |                 |                  |               | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         |
| BLANK            | xxxxxx            | 8818            | 235105           | xxxxxxx       | 148.0    | 148.0   | 1.0         | 157.8    | 157.8   | 1.0         | 162.5    | 162.5   | 1.0         | 162.9    | 162.9   | 1.0         |
| 148.0            | 1.0000            | 428512          | 226285           | 421952        | 281.0    | 281.0   | 1.0         | 304.3    | 304.3   | 1.0         | 320.6    | 320.6   | 1.0         | 327.0    | 327.0   | 1.0         |
| 309.0            | 1.0000            | 808043          | 237791           | 801150        | 384.3    | 384.3   | 1.0         | 418.0    | 418.0   | 1.0         | 443.4    | 443.4   | 1.0         | 454.5    | 454.5   | 1.0         |
| 456.0            | 1.0000            | 1101968         | 221769           | 1095539       | 500.1    | 500.1   | 1.0         | 545.5    | 545.5   | 1.0         | 581.1    | 581.1   | 1.0         | 597.4    | 597.4   | 1.0         |
| 609.0            | 1.0000            | 1432967         | 251095           | 1425688       | 556.2    | 556.2   | 1.0         | 607.3    | 607.3   | 1.0         | 647.9    | 647.9   | 1.0         | 666.7    | 666.7   | 1.0         |
| 765.0            | 1.0000            | 1593255         | 260053           | 1585716       | 710.3    | 710.3   | 1.0         | 777.0    | 777.0   | 1.0         | 831.2    | 831.2   | 1.0         | 856.9    | 856.9   | 1.0         |
| 1000.0           | 1.0000            | 2033812         | 297132           | 2025199       | 943.1    | 943.1   | 1.0         | 1033.3   | 1033.3  | 1.0         | 1107.9   | 1107.9  | 1.0         | 1144.1   | 1144.1  | 1.0         |
| 1508.0           | 1.0000            | 2695213         | 223986           | 2688720       | 1034.4   | 1034.4  | 1.0         | 1133.8   | 1133.8  | 1.0         | 1216.5   | 1216.5  | 1.0         | 1256.8   | 1256.8  | 1.0         |
| 1713.0           | 1.0000            | 2956715         | 263653           | 2949072       | 1095.1   | 1095.1  | 1.0         | 1200.7   | 1200.7  | 1.0         | 1288.8   | 1288.8  | 1.0         | 1331.8   | 1331.8  | 1.0         |
| 1788.0           | 1.0000            | 3129804         | 258813           | 3122301       | 1313.9   | 1313.9  | 1.0         | 1441.7   | 1441.7  | 1.0         | 1549.0   | 1549.0  | 1.0         | 1601.8   | 1601.8  | 1.0         |
| 2275.0           | 1.0000            | 3755512         | 325203           | 3746085       |          |         |             |          |         |             |          |         |             |          |         |             |
| Sample Name      | Sample Weight (g) | C-3 Peak Height | C-10 Peak Height | Corrected C-8 | O- 148.0 |         |             | O- 309.0 |         |             | O- 456.0 |         |             | O- 609.0 |         |             |
|                  |                   |                 |                  |               | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         |
|                  |                   |                 |                  |               | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         | calc pk  | C8 PPM  | 1.0         |
| FP 1             | 0.5308            | 365704          | 273494           | 357776        | 125.5    | 236.5   | 1.0         | 133.1    | 250.8   | 1.0         | 135.7    | 255.8   | 1.0         | 135.1    | 254.6   | 1.0         |
| FP 2             | 0.5750            | 707118          | 288431           | 698757        | 245.1    | 426.2   | 1.0         | 284.7    | 480.4   | 1.0         | 277.9    | 483.3   | 1.0         | 282.7    | 491.7   | 1.0         |
| FP 3             | 0.5065            | 509686          | 255687           | 502274        | 176.2    | 347.8   | 1.0         | 188.9    | 372.9   | 1.0         | 196.0    | 386.9   | 1.0         | 197.7    | 390.2   | 1.0         |
| FP 4             | 0.5217            | 124408          | 237885           | 117512        | 41.2     | 79.0    | 1.0         | 40.3     | 77.2    | 1.0         | 35.5     | 68.0    | 1.0         | 31.1     | 59.6    | 1.0         |
| FP 5             | 0.5291            | 468182          | 263369           | 460547        | 161.5    | 305.3   | 1.0         | 172.7    | 326.5   | 1.0         | 178.6    | 337.5   | 1.0         | 179.6    | 339.4   | 1.0         |
| FP 6             | 0.5956            | 92261           | 249360           | 85032         | 29.8     | 50.1    | 1.0         | 27.7     | 46.5    | 1.0         | 21.9     | 38.8    | 1.0         | 17.0     | 28.6    | 1.0         |
| FP 7             | 0.6646            | 794733          | 260443           | 787183        | 276.1    | 415.4   | 1.0         | 298.9    | 448.7   | 1.0         | 314.8    | 473.7   | 1.0         | 321.0    | 483.0   | 1.0         |
| FP 8             | 0.5183            | 866019          | 311955           | 856976        | 300.6    | 579.9   | 1.0         | 325.8    | 628.7   | 1.0         | 343.9    | 663.5   | 1.0         | 351.2    | 677.6   | 1.0         |
| FP 9             | 0.5769            | 832820          | 224096           | 826124        | 289.8    | 502.3   | 1.0         | 313.9    | 544.2   | 1.0         | 331.0    | 573.8   | 1.0         | 337.8    | 585.8   | 1.0         |
| FP 10            | 0.5649            | 623556          | 249217           | 616392        | 216.2    | 382.7   | 1.0         | 232.9    | 412.3   | 1.0         | 243.5    | 431.1   | 1.0         | 247.0    | 437.3   | 1.0         |
| FP 11            | 0.5310            | 442922          | 235866           | 438085        | 153.0    | 288.1   | 1.0         | 163.3    | 307.5   | 1.0         | 168.4    | 317.1   | 1.0         | 169.0    | 318.3   | 1.0         |
| FP 12            | 0.4958            | 688492          | 241814           | 679482        | 238.3    | 480.7   | 1.0         | 257.3    | 519.0   | 1.0         | 269.9    | 544.3   | 1.0         | 274.4    | 553.4   | 1.0         |
| FP 13            | 0.5018            | 785379          | 233470           | 778611        | 273.1    | 544.2   | 1.0         | 295.6    | 589.0   | 1.0         | 311.2    | 620.2   | 1.0         | 317.3    | 632.3   | 1.0         |
| FP 14            | 0.5064            | 149563          | 386431           | 138361        | 48.5     | 95.8    | 1.0         | 48.3     | 95.4    | 1.0         | 44.2     | 87.3    | 1.0         | 40.1     | 79.2    | 1.0         |
| FP 15            | 0.5281            | 162522          | 315010           | 153390        | 53.8     | 101.9   | 1.0         | 54.1     | 102.5   | 1.0         | 50.5     | 95.5    | 1.0         | 46.6     | 88.3    | 1.0         |
| FP 16            | 0.5117            | 67592           | 321813           | 58263         | 20.4     | 39.9    | 1.0         | 17.4     | 34.0    | 1.0         | 10.8     | 21.1    | 1.0         | 5.6      | 10.7    | 1.0         |
| FP 17            | 0.5254            | 84557           | 407816           | 72735         | 25.5     | 48.6    | 1.0         | 23.0     | 43.7    | 1.0         | 16.8     | 32.0    | 1.0         | 11.7     | 22.3    | 1.0         |
| FP 18            | 0.5367            | 310507          | 332929           | 300866        | 105.5    | 196.6   | 1.0         | 111.1    | 206.9   | 1.0         | 112.0    | 208.6   | 1.0         | 110.5    | 205.8   | 1.0         |
| FP 19            | 0.5000            | 243504          | 331220           | 233902        | 82.0     | 164.1   | 1.0         | 85.2     | 170.4   | 1.0         | 84.0     | 188.1   | 1.0         | 81.5     | 163.0   | 1.0         |
| FP 20            | 0.5530            | 376969          | 350166           | 366818        | 128.7    | 232.7   | 1.0         | 136.5    | 246.9   | 1.0         | 139.5    | 252.2   | 1.0         | 139.0    | 251.4   | 1.0         |
| FP 21            | 0.5040            | 126814          | 325285           | 117384        | 41.2     | 81.7    | 1.0         | 40.2     | 79.8    | 1.0         | 35.4     | 70.3    | 1.0         | 31.0     | 61.6    | 1.0         |
| FP 22            | 0.5030            | 83503           | 338561           | 73689         | 25.8     | 48.9    | 1.0         | 23.3     | 44.2    | 1.0         | 17.2     | 32.6    | 1.0         | 12.1     | 23.0    | 1.0         |
| FP 23            | 0.5235            | 195321          | 314340           | 186209        | 65.313   | 127.639 | 1.0         | 66.790   | 130.526 | 1.0         | 64.143   | 125.353 | 1.0         | 60.839   | 118.895 | 1.0         |

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| 765.0           | 0-1000.0        |                 | 0-1508.0        |                 | 0-1713.0        |                 | 0-1788.0        |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2097.3 m        | 1981.5 m        | 1754.7 m        | 1682.1 m        | 1639.1          |                 |                 |                 |                 |
| 88929.4 b       | 120271.9 b      | 203748.1 b      | 241791.6 b      | 251744.0        |                 |                 |                 |                 |
| 1.0 Correlation | 1.0 correlation | 1.0 correlation | 1.0 correlation | 1.0 correlation | 1.0 correlation | 1.0 correlation | 1.0 correlation | 1.0 CALIBRATION |
| C8 PPM          | calc pk         | C8 PPM          | calc pk         | C8 PPM          | calc pk         | C8 PPM          | calc pk         | C8 PPM          |
| 158.8           | 152.2           | 124.4           | 108.4           | 103.8           | 103.8           | 103.8           | 103.8           | 148.0           |
| 339.6           | 343.6           | 340.5           | 338.5           | 335.2           | 335.2           | 335.2           | 335.2           | 309.0           |
| 480.0           | 492.2           | 508.2           | 513.7           | 514.8           | 514.8           | 514.8           | 514.8           | 456.0           |
| 637.4           | 658.8           | 696.4           | 712.3           | 716.2           | 716.2           | 716.2           | 716.2           | 609.0           |
| 713.7           | 739.5           | 787.6           | 808.6           | 813.8           | 813.8           | 813.8           | 813.8           | 765.0           |
| 923.2           | 961.3           | 1038.0          | 1073.0          | 1082.0          | 1082.0          | 1082.0          | 1082.0          | 1000.0          |
| 1239.6          | 1296.2          | 1416.1          | 1472.2          | 1486.8          | 1486.8          | 1486.8          | 1486.8          | 1508.0          |
| 1363.7          | 1427.6          | 1584.5          | 1628.8          | 1645.6          | 1645.6          | 1645.6          | 1645.6          | 1713.0          |
| 1446.3          | 1515.0          | 1663.2          | 1733.1          | 1751.3          | 1751.3          | 1751.3          | 1751.3          | 1788.0          |
| 1743.8          | 1829.8          | 2018.7          | 2108.4          | 2131.9          | 2131.9          | 2131.9          | 2131.9          | 2275.0          |
| 765.0           | 0-1000.0        |                 | 0-1508.0        |                 | 0-1713.0        |                 | 0-1788.0        |                 |
| C8 PPM          | calc pk         | C8 PPM          | calc pk         | C8 PPM          | calc pk         | C8 PPM          | calc pk         | C8 PPM          |
| 241.6           | 119.9           | 225.9           | 87.8            | 165.4           | 69.8            | 131.5           | 64.7            | 121.9           |
| 505.7           | 291.9           | 507.7           | 282.1           | 490.6           | 274.9           | 478.1           | 272.7           | 474.3           |
| 389.1           | 192.8           | 380.6           | 170.1           | 335.9           | 156.7           | 309.4           | 152.8           | 301.8           |
| 26.1            | -1.4            | -2.7            | -49.1           | -94.2           | -74.8           | -143.3          | -81.9           | -157.0          |
| 334.9           | 171.7           | 324.6           | 146.3           | 276.6           | 131.6           | 248.8           | 127.4           | 240.8           |
| -3.1            | -17.8           | -29.9           | -67.7           | -113.6          | -94.3           | -158.4          | -101.7          | -170.8          |
| 501.0           | 336.6           | 506.4           | 332.5           | 500.3           | 328.1           | 493.7           | 326.7           | 491.5           |
| 706.6           | 371.8           | 717.3           | 372.3           | 718.2           | 370.1           | 714.1           | 369.2           | 712.4           |
| 609.3           | 356.2           | 617.5           | 354.7           | 614.8           | 351.6           | 609.4           | 350.4           | 607.4           |
| 445.2           | 250.3           | 443.2           | 235.1           | 416.2           | 225.3           | 398.9           | 222.4           | 393.8           |
| 311.7           | 159.4           | 300.1           | 132.4           | 249.4           | 116.9           | 220.1           | 112.5           | 211.8           |
| 567.9           | 282.2           | 569.2           | 271.1           | 546.8           | 263.3           | 531.1           | 261.0           | 526.3           |
| 655.3           | 332.2           | 662.1           | 327.6           | 652.9           | 323.0           | 643.6           | 321.4           | 640.6           |
| 46.5            | 9.1             | 18.0            | -37.3           | -73.6           | -62.2           | -122.9          | -69.2           | -136.6          |
| 58.2            | 16.7            | 31.6            | -28.7           | -54.3           | -53.2           | -100.7          | -60.0           | -113.6          |
| -28.6           | -31.3           | -61.2           | -82.9           | -162.0          | -110.4          | -215.8          | -118.0          | -230.7          |
| -14.7           | -24.0           | -45.7           | -74.7           | -142.1          | -101.7          | -193.6          | -109.2          | -207.9          |
| 188.3           | 91.1            | 169.8           | 55.3            | 103.1           | 36.5            | 66.2            | 30.0            | 55.8            |
| 138.2           | 57.3            | 114.7           | 17.2            | 34.4            | -4.7            | -9.5            | -10.9           | -21.8           |
| 239.6           | 124.4           | 225.0           | 92.9            | 168.0           | 75.2            | 136.0           | 70.2            | 127.0           |
| 26.9            | -1.5            | -2.9            | -49.2           | -97.7           | -74.8           | -148.5          | -82.0           | -162.6          |
| -13.8           | -23.5           | -44.5           | -74.1           | -140.4          | -101.1          | -191.5          | -108.6          | -205.7          |
| 90.846          | 33.275          | 65.029          | -9.995          | 0.000           | -33.441         | -57.795         | -39.983         | -0.313          |

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|        |        |       |        |           |        |        |       |       |        |        |        |        |
|--------|--------|-------|--------|-----------|--------|--------|-------|-------|--------|--------|--------|--------|
| JPM-16 | 1.0065 | 38121 | 243049 | 31075 ### | 10.900 | 10.828 | 6.876 | 6.832 | -0.563 | -0.559 | -6.315 | -6.274 |
| JPM-17 | 1.0217 | 35162 | 218245 | 28835 ### | 10.114 | 9.898  | 6.011 | 5.883 | -1.497 | -1.465 | -7.285 | -7.130 |
| JPM-18 | 1.015  | 35181 | 202750 | 29304 ### | 10.278 | 10.126 | 6.192 | 6.100 | -1.302 | -1.282 | -7.082 | -6.977 |

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|       |        |         |        |         |         |         |         |         |         |         |         |         |         |
|-------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| FEP15 | 0.9399 | 797231  | 150130 | 792879  | 5.281   | 278.103 | 285.885 | 301.094 | 320.347 | 317.183 | 337.464 | 323.452 | 344.135 |
| FEP16 | 1.1707 | 1311249 | 229875 | 1304585 | 5.675   | 457.584 | 390.864 | 498.721 | 426.003 | 530.813 | 453.244 | 544.958 | 465.498 |
| FEP17 | 1.2805 | 1026075 | 126970 | 1022384 | 8.052   | 358.605 | 280.051 | 385.736 | 304.362 | 412.913 | 322.462 | 422.804 | 330.187 |
| FEP18 | 1.0208 | 20266   | 157873 | 15689   | 0.099   | 5.503   | 5.391   | 0.934   | 0.915   | -6.980  | -6.838  | -12.975 | -12.711 |
| FEP19 | 1.1184 | 25139   | 152955 | 20705   | 0.135   | 7.262   | 6.493   | 2.871   | 2.587   | -4.888  | -4.370  | -10.804 | -9.860  |
| FEP20 | 1.0865 | 10720   | 148755 | 6408    | 0.043   | 2.248   | 2.069   | -2.651  | -2.440  | -10.851 | -9.987  | -16.993 | -15.640 |
|       |        |         |        | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |
|       |        |         |        |         | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |
|       |        |         |        |         |         | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |

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|         |         |         |         |          |          |          |          |          |          |       |
|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|-------|
| 335.650 | 357.112 | 339.436 | 361.140 | 335.737  | 357.205  | 331.582  | 352.763  | 330.143  | 351.254  | FEP15 |
| 579.636 | 495.119 | 597.671 | 510.525 | 627.350  | 535.876  | 639.430  | 546.195  | 642.332  | 548.674  | FEP16 |
| 445.085 | 347.587 | 455.262 | 355.535 | 466.534  | 354.337  | 469.650  | 366.771  | 470.169  | 367.176  | FEP17 |
| -34.921 | -34.210 | -52.778 | -51.703 | -107.172 | -104.988 | -186.034 | -133.263 | -144.016 | -141.051 | FEP18 |
| -32.530 | -29.086 | -50.247 | -44.928 | -104.314 | -93.270  | -133.017 | -118.935 | -140.956 | -126.033 | FEP19 |
| -39.347 | -36.214 | -57.462 | -52.888 | -112.461 | -103.508 | -141.619 | -130.344 | -149.678 | -137.762 | FEP20 |
| #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  |       |
| #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  |       |
| #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  | #VALUE!  |       |

RJZ042302

EID475760