

Supplementary Table S1. Inter-, intra-day and intermediate precision and accuracy.

| Analyte | Spiked (µg/mL) | Beverage/oil    |        |                 |        |                     |        |
|---------|----------------|-----------------|--------|-----------------|--------|---------------------|--------|
|         |                | Inter-day (n=5) |        | Intra-day (n=6) |        | Intermediate (n=15) |        |
|         |                | CV (%)          | RE (%) | CV (%)          | RE (%) | CV (%)              | RE (%) |
| CBD     | 0.4            | 5.52            | 2.77   | 3.00            | -1.00  | 12.03               | -6.21  |
|         | 0.8            | 8.63            | -0.56  |                 |        |                     |        |
|         | 1              |                 |        | 6.60            | -5.51  | 11.70               | -6.09  |
|         | 1.6            | 10.74           | -0.28  |                 |        |                     |        |
|         | 3.1            | 7.89            | -4.60  |                 |        |                     |        |
|         | 6.3            | 10.53           | -3.83  |                 |        |                     |        |
|         | 10             |                 |        |                 |        | 5.52                | -10.23 |
|         | 12.5           | 5.12            | -2.10  |                 |        |                     |        |
|         | 25             | 1.77            | 0.76   |                 |        |                     |        |
|         | 50             | 3.04            | -1.34  | 3.37            | -4.36  |                     |        |
|         | 100            | 1.06            | 0.48   | 9.49            | 2.36   | 9.03                | -3.85  |
| CBDA    | 0.4            | 6.88            | 2.26   | 3.27            | 7.48   | 9.94                | -2.47  |
|         | 0.8            | 7.25            | 1.22   |                 |        |                     |        |
|         | 1              |                 |        | 8.89            | 3.26   | 12.49               | -3.58  |
|         | 1.6            | 10.36           | 0.63   |                 |        |                     |        |
|         | 3.1            | 9.40            | -6.42  |                 |        |                     |        |
|         | 6.3            | 9.85            | -3.64  |                 |        |                     |        |
|         | 10             |                 |        |                 |        | 6.22                | -9.60  |
|         | 12.5           | 4.84            | -1.83  |                 |        |                     |        |
|         | 25             | 2.70            | 1.55   |                 |        |                     |        |
|         | 50             | 3.53            | 0.43   | 3.38            | -4.28  |                     |        |
|         | 100            | 2.32            | 0.18   | 9.32            | 2.39   | 3.04                | 2.76   |
| CBG     | 0.4            | 9.62            | 3.15   | 6.66            | 3.76   | 10.13               | 0.28   |
|         | 0.8            | 8.72            | 1.78   |                 |        |                     |        |
|         | 1              |                 |        | 6.73            | -5.96  | 11.94               | -4.15  |
|         | 1.6            | 8.11            | 0.42   |                 |        |                     |        |
|         | 3.1            | 9.71            | -6.31  |                 |        |                     |        |
|         | 6.3            | 10.81           | -3.41  |                 |        |                     |        |
|         | 10             |                 |        |                 |        | 5.65                | -6.29  |
|         | 12.5           | 5.83            | -1.83  |                 |        |                     |        |
|         | 25             | 8.72            | 5.48   |                 |        |                     |        |
|         | 50             | 2.68            | -0.24  | 3.48            | -4.35  |                     |        |
|         | 100            | 1.90            | 0.80   | 6.54            | -0.02  | 8.51                | -1.30  |
| CBN     | 0.1            | 12.21           | 2.62   | 4.56            | 10.17  | 7.79                | 7.24   |
|         | 0.2            | 8.73            | -2.07  |                 |        |                     |        |
|         | 0.4            | 6.62            | -6.18  | 3.84            | -12.36 | 9.96                | -6.96  |
|         | 0.8            | 4.86            | -1.56  |                 |        |                     |        |
|         | 1              |                 |        | 5.17            | -9.21  | 11.49               | -2.40  |
|         | 1.6            | 9.63            | 0.78   |                 |        |                     |        |
|         | 3.1            | 11.15           | -5.48  |                 |        |                     |        |
|         | 6.3            | 12.58           | -2.01  |                 |        |                     |        |
|         | 10             |                 |        |                 |        | 6.62                | -8.02  |
|         | 12.5           | 5.67            | 0.51   |                 |        |                     |        |
|         | 25             | 2.49            | 3.34   |                 |        |                     |        |
|         | 50             | 1.65            | 1.59   | 3.34            | -4.26  |                     |        |
|         | 100            | 4.41            | 0.29   | 10.27           | 3.16   | 3.62                | 4.87   |
| CBGA    | 0.4            | 8.28            | 3.29   | 3.19            | 9.88   | 12.00               | 0.99   |
|         | 0.8            | 8.42            | 1.43   |                 |        |                     |        |
|         | 1              |                 |        | 10.49           | 2.90   | 8.42                | -0.94  |

|        |      |       |       |       |        |       |        |
|--------|------|-------|-------|-------|--------|-------|--------|
|        | 1.6  | 9.88  | 1.08  |       |        |       |        |
|        | 3.1  | 10.15 | -6.03 |       |        |       |        |
|        | 6.3  | 9.87  | -3.98 |       |        |       |        |
|        | 10   |       |       |       |        | 6.05  | -6.15  |
|        | 12.5 | 4.79  | -1.57 |       |        |       |        |
|        | 25   | 2.72  | 1.99  |       |        |       |        |
|        | 50   | 3.21  | 0.54  | 3.41  | -4.03  |       |        |
|        | 100  | 2.42  | 0.60  | 8.81  | 2.37   | 3.63  | 2.15   |
|        | 0.4  | 10.40 | 2.17  | 5.93  | 2.72   | 14.16 | -4.50  |
|        | 0.8  | 9.51  | -0.69 |       |        |       |        |
| THC    | 1    |       |       | 6.17  | -8.90  | 14.67 | -1.39  |
|        | 1.6  | 8.37  | -2.12 |       |        |       |        |
|        | 3.1  | 9.96  | -5.02 |       |        |       |        |
|        | 6.3  | 11.19 | -3.07 |       |        |       |        |
|        | 10   |       |       |       |        | 4.81  | -7.78  |
|        | 12.5 | 5.09  | -0.16 |       |        |       |        |
|        | 25   | 2.98  | 2.52  |       |        |       |        |
|        | 50   | 0.90  | 1.47  | 3.75  | -3.07  |       |        |
|        | 100  | 2.66  | -0.12 | 9.29  | 3.10   | 10.90 | -1.28  |
|        | 0.4  | 8.93  | 4.48  | 5.83  | -2.40  | 10.74 | -4.63  |
| 8-THC  | 0.8  | 4.92  | -0.18 |       |        |       |        |
|        | 1    |       |       | 6.04  | -8.96  | 9.95  | -5.77  |
|        | 1.6  | 9.41  | -0.30 |       |        |       |        |
|        | 3.1  | 9.65  | -6.54 |       |        |       |        |
|        | 6.3  | 9.76  | -2.40 |       |        |       |        |
|        | 10   |       |       |       |        | 4.88  | -10.78 |
|        | 12.5 | 4.25  | -1.81 |       |        |       |        |
|        | 25   | 3.58  | 2.54  |       |        |       |        |
|        | 50   | 3.47  | 0.56  | 3.73  | -3.32  |       |        |
|        | 100  | 2.21  | 1.29  | 9.14  | 2.87   | 8.71  | -3.58  |
| THCA-A | 0.4  | 17.02 | -9.27 | 3.23  | -12.56 | 15.51 | -3.30  |
|        | 0.8  | 8.48  | -0.55 |       |        |       |        |
|        | 1    |       |       | 5.24  | -7.94  | 10.35 | -6.40  |
|        | 1.6  | 11.52 | 0.34  |       |        |       |        |
|        | 3.1  | 6.44  | -1.38 |       |        |       |        |
|        | 6.3  | 11.01 | 1.07  |       |        |       |        |
|        | 10   |       |       |       |        | 1.91  | -9.00  |
|        | 12.5 | 8.79  | 1.06  |       |        |       |        |
|        | 25   | 7.01  | 4.48  |       |        |       |        |
|        | 50   | 7.60  | 3.30  | 3.35  | 3.48   |       |        |
| CBCA   | 100  | 5.63  | 6.00  | 5.06  | 7.52   | 3.54  | 3.03   |
|        | 250  | 3.73  | -1.96 | 8.15  | -7.82  | 10.18 | -1.37  |
|        | 0.8  | 11.10 | 3.66  | 11.28 | 0.50   | 6.80  | 6.40   |
|        | 1    |       |       | 11.10 | 3.24   | 13.30 | -2.18  |
|        | 1.6  | 6.86  | 0.58  |       |        |       |        |
|        | 3.1  | 7.06  | -5.50 |       |        |       |        |
|        | 6.3  | 11.01 | -2.45 |       |        |       |        |
|        | 10   |       |       |       |        | 8.02  | -7.65  |
|        | 12.5 | 4.77  | -2.58 |       |        |       |        |
|        | 25   | 2.25  | 1.62  |       |        |       |        |
|        | 50   | 3.39  | 0.47  | 3.44  | -5.12  |       |        |
|        | 100  | 3.34  | 1.80  | 7.29  | 0.43   | 3.23  | 1.83   |

$\Delta$ 8-tetrahydrocannabinol (8-THC),  $\Delta$ 9-tetrahydrocannabinol (THC),  $\Delta$ 9-tetrahydrocannabinolic acid (THCA-A), cannabichromenic acid (CBCA), cannabidiol (CBD), cannabidiolic acid (CBDA), cannabigerol (CBG), cannabigerolic acid (CBGA), cannabinol (CBN), coefficient of variation (CV) and relative error (RE).

| Analyte | <i>Cosmetic products</i> |                 |        |                 |        |                     |        |
|---------|--------------------------|-----------------|--------|-----------------|--------|---------------------|--------|
|         | Spiked (µg/mg)           | Inter-day (n=5) |        | Intra-day (n=6) |        | Intermediate (n=15) |        |
|         |                          | CV (%)          | RE (%) | CV (%)          | RE (%) | CV (%)              | RE (%) |
| CBD     | 0.04                     | 8.43            | 4.17   | 3.81            | 5.42   | 8.87                | 6.67   |
|         | 0.08                     | 2.63            | -5.00  |                 |        |                     |        |
|         | 0.1                      |                 |        | 1.90            | -2.70  | 2.46                | -1.73  |
|         | 0.16                     | 2.11            | -4.58  |                 |        |                     |        |
|         | 0.31                     | 7.20            | -3.55  |                 |        |                     |        |
|         | 0.63                     | 6.77            | -0.26  |                 |        |                     |        |
|         | 1                        |                 |        |                 |        | 1.50                | -4.63  |
|         | 1.25                     | 4.81            | -2.21  |                 |        |                     |        |
|         | 2.5                      | 3.93            | -5.05  |                 |        |                     |        |
|         | 5                        | 2.36            | -5.55  | 2.70            | 5.37   |                     |        |
|         | 10                       | 1.80            | 7.08   | 4.57            | 3.08   | 3.07                | 5.83   |
| CBDA    | 0.04                     | 13.16           | -0.17  | 5.44            | -7.75  | 3.20                | -5.83  |
|         | 0.08                     | 12.85           | -2.08  |                 |        |                     |        |
|         | 0.1                      |                 |        | 7.01            | -8.33  | 3.28                | 0.27   |
|         | 0.16                     | 6.15            | 3.12   |                 |        |                     |        |
|         | 0.31                     | 4.57            | 4.73   |                 |        |                     |        |
|         | 0.63                     | 3.70            | 1.27   |                 |        |                     |        |
|         | 1                        |                 |        |                 |        | 2.15                | 7.63   |
|         | 1.25                     | 1.27            | -3.12  |                 |        |                     |        |
|         | 2.5                      | 7.36            | 2.16   |                 |        |                     |        |
|         | 5                        | 2.09            | 9.18   | 5.22            | 9.52   |                     |        |
|         | 10                       | 5.81            | -6.25  | 2.62            | -3.23  | 2.91                | 8.67   |
| CBG     | 0.04                     | 7.20            | 11.67  | 3.64            | 5.75   | 4.16                | 5.42   |
|         | 0.08                     | 10.73           | -5.83  |                 |        |                     |        |
|         | 0.1                      |                 |        | 4.28            | 7.00   | 1.49                | 2.33   |
|         | 0.16                     | 5.76            | -2.08  |                 |        |                     |        |
|         | 0.31                     | 7.48            | -2.90  |                 |        |                     |        |
|         | 0.63                     | 2.73            | 4.76   |                 |        |                     |        |
|         | 1                        |                 |        |                 |        | 2.68                | -0.53  |
|         | 1.25                     | 1.24            | -0.11  |                 |        |                     |        |
|         | 2.5                      | 2.65            | 11.33  |                 |        |                     |        |
|         | 5                        | 5.23            | -0.08  | 7.79            | 5.40   |                     |        |
|         | 10                       | 2.71            | 5.40   | 3.06            | 10.97  | 4.04                | -5.00  |
| CBN     | 0.01                     | 10.11           | -11.00 | 7.92            | 10.13  | 3.15                | -8.33  |
|         | 0.02                     | 10.05           | -0.33  |                 |        |                     |        |
|         | 0.04                     | 4.00            | -6.25  | 4.79            | 9.00   | 2.14                | -4.83  |
|         | 0.08                     | 12.85           | -2.08  |                 |        |                     |        |
|         | 0.1                      |                 |        | 1.14            | -12.00 | 7.29                | -8.67  |
|         | 0.16                     | 8.14            | 0.21   |                 |        |                     |        |
|         | 0.31                     | 5.64            | 6.34   |                 |        |                     |        |
|         | 0.63                     | 0.77            | -2.17  |                 |        |                     |        |
|         | 1                        |                 |        |                 |        | 7.19                | 6.57   |
|         | 1.25                     | 4.04            | -4.72  |                 |        |                     |        |
|         | 2.5                      | 6.57            | -1.07  |                 |        |                     |        |
|         | 5                        | 1.18            | 6.37   | 3.41            | 5.74   |                     |        |
|         | 10                       | 3.37            | -3.82  | 1.64            | -2.17  | 5.63                | 5.58   |
| CBGA    | 0.04                     | 3.58            | 6.67   | 7.39            | -5.42  | 8.56                | -6.67  |
|         | 0.08                     | 3.20            | 12.92  |                 |        |                     |        |
|         | 0.1                      |                 |        | 4.32            | 6.00   | 2.41                | 4.33   |
|         | 0.16                     | 5.35            | 1.87   |                 |        |                     |        |
|         | 0.31                     | 6.32            | -7.10  |                 |        |                     |        |
|         | 0.63                     | 4.96            | 0.53   |                 |        |                     |        |

|        |      |       |        |      |        |      |        |
|--------|------|-------|--------|------|--------|------|--------|
|        | 1    |       |        |      |        | 1.59 | -3.20  |
|        | 1.25 | 3.13  | 1.01   |      |        |      |        |
|        | 2.5  | 1.81  | -2.07  |      |        |      |        |
|        | 5    | 2.05  | -5.54  | 2.63 | -4.10  |      |        |
|        | 10   | 5.52  | 4.89   | 4.95 | 4.63   | 4.14 | 4.03   |
| THC    | 0.04 | 7.10  | -13.25 | 2.58 | -7.50  | 5.08 | 5.33   |
|        | 0.08 | 5.72  | 3.33   |      |        |      |        |
|        | 0.1  |       |        | 1.16 | -2.27  | 4.70 | -3.88  |
|        | 0.16 | 5.41  | 10.96  |      |        |      |        |
|        | 0.31 | 3.83  | 1.08   |      |        |      |        |
|        | 0.63 | 3.16  | 5.66   |      |        |      |        |
|        | 1    |       |        |      |        | 7.94 | -0.47  |
|        | 1.25 | 4.34  | -3.60  |      |        |      |        |
|        | 2.5  | 7.50  | -3.77  |      |        |      |        |
|        | 5    | 10.20 | 1.08   | 4.16 | -5.13  |      |        |
|        | 10   | 3.81  | 1.57   | 0.63 | -0.70  | 5.71 | -1.70  |
| 8-THC  | 0.04 | 7.43  | 12.08  | 7.72 | 1.00   | 3.27 | -7.42  |
|        | 0.08 | 3.17  | -11.04 |      |        |      |        |
|        | 0.1  |       |        | 5.18 | 6.33   | 4.00 | 9.00   |
|        | 0.16 | 9.87  | 4.17   |      |        |      |        |
|        | 0.31 | 2.51  | 4.09   |      |        |      |        |
|        | 0.63 | 5.16  | 2.49   |      |        |      |        |
|        | 1    |       |        |      |        | 6.91 | -8.50  |
|        | 1.25 | 3.78  | 8.24   |      |        |      |        |
|        | 2.5  | 2.28  | -2.39  |      |        |      |        |
|        | 5    | 2.93  | -7.06  | 2.48 | 5.60   |      |        |
|        | 10   | 1.57  | -2.09  | 5.46 | 1.03   | 7.61 | -6.75  |
| THCA-A | 0.04 | 14.13 | -4.67  | 5.07 | -9.50  | 4.46 | 7.08   |
|        | 0.08 | 5.51  | -8.33  |      |        |      |        |
|        | 0.1  |       |        | 5.85 | -7.87  | 1.89 | 10.33  |
|        | 0.16 | 5.42  | 4.58   |      |        |      |        |
|        | 0.31 | 4.66  | 4.84   |      |        |      |        |
|        | 0.63 | 4.31  | 1.64   |      |        |      |        |
|        | 1    |       |        |      |        | 2.45 | -1.83  |
|        | 1.25 | 2.50  | 7.33   |      |        |      |        |
|        | 2.5  | 10.38 | -1.15  |      |        |      |        |
|        | 5    | 1.45  | 8.29   | 4.59 | 2.66   |      |        |
|        | 10   | 2.58  | 1.82   | 4.66 | 0.02   | 4.76 | 3.72   |
|        | 25   | 1.18  | -6.34  | 8.49 | 5.12   | 1.47 | 0.48   |
| CBCA   | 0.08 | 1.68  | 13.33  | 5.87 | -12.00 | 2.99 | -12.92 |
|        | 0.1  |       |        | 2.34 | 7.80   | 2.57 | 3.00   |
|        | 0.16 | 3.97  | 7.29   |      |        |      |        |
|        | 0.31 | 4.67  | 2.47   |      |        |      |        |
|        | 0.63 | 4.27  | 7.46   |      |        |      |        |
|        | 1    |       |        |      |        | 3.40 | 4.90   |
|        | 1.25 | 6.11  | 0.51   |      |        |      |        |
|        | 2.5  | 12.12 | 2.19   |      |        |      |        |
|        | 5    | 2.84  | 10.03  | 3.67 | 5.94   |      |        |
|        | 10   | 9.36  | 0.26   | 3.35 | 2.43   | 1.12 | -2.47  |

$\Delta$ 8-tetrahydrocannabinol (8-THC),  $\Delta$ 9-tetrahydrocannabinol (THC),  $\Delta$ 9-tetrahydrocannabinolic acid (THCA-A), cannabichromenic acid (CBCA), cannabidiol (CBD), cannabidiolic acid (CBDA), cannabigerol (CBG), cannabigerolic acid (CBGA), cannabinol (CBN), coefficient of variation (CV) and relative error (RE).

| <i>Herbal samples</i> |                |                 |        |                 |        |                     |        |
|-----------------------|----------------|-----------------|--------|-----------------|--------|---------------------|--------|
|                       |                | Inter-day (n=5) |        | Intra-day (n=6) |        | Intermediate (n=15) |        |
| Analyte               | Spiked (µg/mg) | CV (%)          | RE (%) | CV (%)          | RE (%) | CV (%)              | RE (%) |
| CBD                   | 0.04           | 10.35           | -6.00  | 11.63           | -8.75  | 4.71                | -12.50 |
|                       | 0.08           | 11.43           | 4.25   |                 |        |                     |        |
|                       | 0.1            |                 |        | 10.74           | -8.00  | 7.20                | -14.60 |
|                       | 0.16           | 7.37            | -3.00  |                 |        |                     |        |
|                       | 0.31           | 2.89            | -1.32  |                 |        |                     |        |
|                       | 0.63           | 1.47            | 3.92   |                 |        |                     |        |
|                       | 1              |                 |        |                 |        | 11.42               | 4.04   |
|                       | 1.25           | 4.91            | -2.64  |                 |        |                     |        |
|                       | 2.5            | 4.02            | -1.54  |                 |        |                     |        |
|                       | 5              | 2.16            | -3.33  | 1.65            | -3.90  |                     |        |
|                       | 10             | 1.93            | -2.30  | 1.97            | -2.75  | 2.13                | -2.70  |
| CBDA                  | 0.04           | 8.49            | -8.25  | 9.55            | -10.00 | 6.31                | -2.50  |
|                       | 0.08           | 6.33            | -4.38  |                 |        |                     |        |
|                       | 0.1            |                 |        | 11.39           | -14.50 | 10.19               | -13.20 |
|                       | 0.16           | 8.81            | -3.50  |                 |        |                     |        |
|                       | 0.31           | 2.85            | -2.00  |                 |        |                     |        |
|                       | 0.63           | 1.45            | -1.35  |                 |        |                     |        |
|                       | 1              |                 |        |                 |        | 9.52                | -3.50  |
|                       | 1.25           | 5.72            | -1.46  |                 |        |                     |        |
|                       | 2.5            | 3.92            | -3.80  |                 |        |                     |        |
|                       | 5              | 5.74            | -5.96  | 6.86            | -6.36  |                     |        |
|                       | 10             | 3.05            | -0.28  | 3.62            | -0.15  | 1.81                | -0.04  |
| CBG                   | 0.04           | 10.61           | -8.75  | 9.77            | -11.25 | 12.42               | -9.00  |
|                       | 0.08           | 7.75            | 2.00   |                 |        |                     |        |
|                       | 0.1            |                 |        | 12.22           | -11.50 | 9.55                | -13.20 |
|                       | 0.16           | 7.77            | 2.19   |                 |        |                     |        |
|                       | 0.31           | 4.08            | -5.55  |                 |        |                     |        |
|                       | 0.63           | 1.49            | -2.22  |                 |        |                     |        |
|                       | 1              |                 |        |                 |        | 8.32                | -13.92 |
|                       | 1.25           | 4.82            | -5.68  |                 |        |                     |        |
|                       | 2.5            | 4.18            | -3.60  |                 |        |                     |        |
|                       | 5              | 2.66            | -5.08  | 2.32            | -5.00  |                     |        |
|                       | 10             | 1.97            | -1.76  | 1.50            | -2.10  | 2.71                | -2.48  |
| CBN                   | 0.01           | 9.52            | -2.30  | 10.49           | -4.00  | 8.94                | -6.80  |
|                       | 0.02           | 11.38           | 6.50   |                 |        |                     |        |
|                       | 0.04           | 5.41            | -6.00  | 5.16            | -7.50  | 4.61                | -8.50  |
|                       | 0.08           | 6.46            | -4.88  |                 |        |                     |        |
|                       | 0.1            |                 |        | 2.31            | 4.00   | 4.23                | 4.00   |
|                       | 0.16           | 3.58            | -4.75  |                 |        |                     |        |
|                       | 0.31           | 6.68            | -6.00  |                 |        |                     |        |
|                       | 0.63           | 1.34            | -1.27  |                 |        |                     |        |
|                       | 1              |                 |        |                 |        | 5.49                | -9.80  |
|                       | 1.25           | 4.28            | -0.27  |                 |        |                     |        |
|                       | 2.5            | 3.35            | -3.96  |                 |        |                     |        |
|                       | 5              | 2.42            | -2.73  | 2.51            | -3.70  |                     |        |
|                       | 10             | 1.07            | -1.44  | 1.06            | -1.88  | 1.68                | -1.21  |
| CBGA                  | 0.04           | 10.47           | -2.25  | 11.02           | -3.75  | 12.03               | -7.00  |
|                       | 0.08           | 5.51            | -6.75  |                 |        |                     |        |
|                       | 0.1            |                 |        | 10.52           | -11.50 | 9.63                | -3.80  |
|                       | 0.16           | 3.82            | -5.12  |                 |        |                     |        |

|        |      |      |       |       |       |      |       |
|--------|------|------|-------|-------|-------|------|-------|
|        | 0.31 | 4.27 | -5.35 |       |       |      |       |
|        | 0.63 | 2.76 | -1.43 |       |       |      |       |
|        | 1    |      |       |       |       | 6.29 | -5.80 |
|        | 1.25 | 2.81 | -3.46 |       |       |      |       |
|        | 2.5  | 3.26 | -1.40 |       |       |      |       |
|        | 5    | 3.21 | -3.72 | 3.18  | -4.40 |      |       |
|        | 10   | 2.29 | -1.67 | 2.37  | -1.70 | 3.12 | -1.44 |
| THC    | 0.04 | 9.73 | -0.75 | 11.22 | -1.25 | 8.64 | 1.00  |
|        | 0.08 | 3.42 | -9.87 |       |       |      |       |
|        | 0.1  |      |       | 11.39 | -2.50 | 5.84 | -6.60 |
|        | 0.16 | 3.64 | -2.12 |       |       |      |       |
|        | 0.31 | 5.51 | 1.35  |       |       |      |       |
|        | 0.63 | 1.15 | -1.83 |       |       |      |       |
|        | 1    |      |       |       |       | 8.74 | -9.00 |
|        | 1.25 | 3.48 | 2.98  |       |       |      |       |
|        | 2.5  | 4.25 | -2.52 |       |       |      |       |
|        | 5    | 2.71 | -0.68 | 3.14  | -0.90 |      |       |
|        | 10   | 2.07 | -2.30 | 2.37  | -2.00 | 1.48 | -2.80 |
|        |      |      |       |       |       |      |       |
| 8-THC  | 0.04 | 4.23 | 4.75  | 3.44  | 6.25  | 2.38 | 6.00  |
|        | 0.08 | 9.93 | 0.63  |       |       |      |       |
|        | 0.1  |      |       | 7.56  | -6.00 | 1.24 | -8.20 |
|        | 0.16 | 4.59 | -3.62 |       |       |      |       |
|        | 0.31 | 2.80 | -1.48 |       |       |      |       |
|        | 0.63 | 2.08 | -2.62 |       |       |      |       |
|        | 1    |      |       |       |       | 6.99 | -4.40 |
|        | 1.25 | 4.29 | -2.27 |       |       |      |       |
|        | 2.5  | 3.92 | 2.12  |       |       |      |       |
|        | 5    | 9.63 | -5.28 | 3.84  | -7.60 |      |       |
|        | 10   | 2.61 | -3.48 | 2.19  | -4.30 | 1.98 | -4.56 |
|        |      |      |       |       |       |      |       |
| THCA-A | 0.04 | 6.54 | 1.50  | 7.55  | 2.50  | 2.34 | 4.50  |
|        | 0.08 | 4.79 | -4.62 |       |       |      |       |
|        | 0.1  |      |       | 11.87 | -2.15 | 8.79 | -1.06 |
|        | 0.16 | 4.83 | 0.38  |       |       |      |       |
|        | 0.31 | 3.11 | -5.47 |       |       |      |       |
|        | 0.63 | 1.82 | -1.38 |       |       |      |       |
|        | 1    |      |       |       |       | 6.48 | -7.82 |
|        | 1.25 | 1.74 | 0.66  |       |       |      |       |
|        | 2.5  | 7.41 | 1.90  |       |       |      |       |
|        | 5    | 3.39 | -6.46 | 3.33  | -7.80 |      |       |
|        | 10   | 1.54 | -2.41 | 1.46  | -2.80 | 1.90 | -2.70 |
|        | 25   | 1.00 | -1.65 | 0.41  | -1.70 | 1.81 | -1.50 |
|        |      |      |       |       |       |      |       |
| CBCA   | 0.08 | 6.55 | -4.25 | 7.66  | -6.87 | 2.54 | -4.50 |
|        | 0.1  |      |       | 10.50 | -3.00 | 0.44 | -2.60 |
|        | 0.16 | 5.83 | 10.50 |       |       |      |       |
|        | 0.31 | 3.40 | -4.52 |       |       |      |       |
|        | 0.63 | 1.20 | -1.17 |       |       |      |       |
|        | 1    |      |       |       |       | 4.49 | -6.12 |
|        | 1.25 | 3.71 | 0.92  |       |       |      |       |
|        | 2.5  | 2.38 | -0.19 |       |       |      |       |
|        | 5    | 2.70 | -4.48 | 1.66  | -5.50 |      |       |
|        | 10   | 2.05 | -2.73 | 1.58  | -3.55 | 1.30 | -3.46 |
|        |      |      |       |       |       |      |       |
|        |      |      |       |       |       |      |       |

$\Delta$ 8-tetrahydrocannabinol (8-THC),  $\Delta$ 9-tetrahydrocannabinol (THC),  $\Delta$ 9-tetrahydrocannabinolic acid (THCA-A), cannabichromenic acid (CBCA), cannabidiol (CBD), cannabidiolic acid (CBDA), cannabigerol (CBG), cannabigerolic acid (CBGA), cannabinol (CBN), coefficient of variation (CV) and relative error (RE).