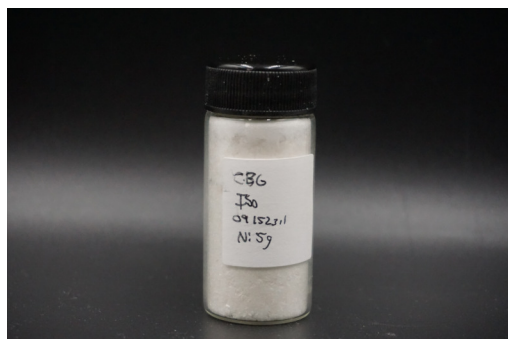


**CBGISO.091523.1**

 Sample ID: SA-230918-27180  
 Batch:  
 Type: In-Process Material  
 Matrix: Concentrate - Isolate  
 Unit Mass (g):

 Received: 09/18/2023  
 Completed: 09/22/2023

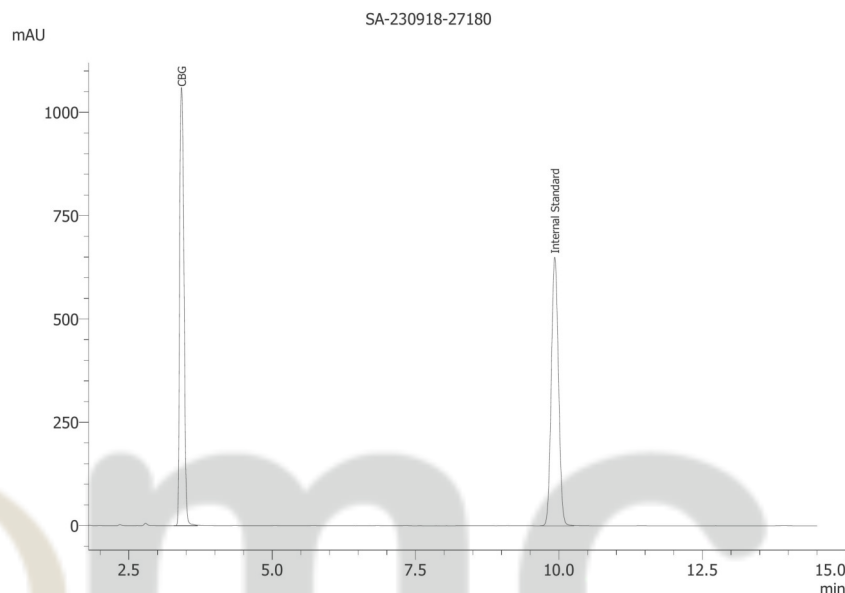
**Client**  
 MC Nutraceuticals  
 6101 Long Prairie Rd, Ste 144 LB 17  
 Flower Mound, TX 75028  
 USA

**Summary**

|              |                    |               |
|--------------|--------------------|---------------|
| <b>Test</b>  | <b>Date Tested</b> | <b>Status</b> |
| Cannabinoids | 09/22/2023         | Tested        |

|                           |                      |                                     |                                       |                                     |   |
|---------------------------|----------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|
| <b>ND</b><br>Total Δ9-THC | <b>99.4 %</b><br>CBG | <b>99.4 %</b><br>Total Cannabinoids | <b>Not Tested</b><br>Moisture Content | <b>Not Tested</b><br>Foreign Matter | <b>Yes</b><br>Internal Standard Normalization |
|---------------------------|----------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|

**Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS**

| Analyte             | LOD (%) | LOQ (%) | Result (%)  | Result (mg/g) | mAU |
|---------------------|---------|---------|-------------|---------------|-----|
| CBC                 | 0.0095  | 0.0284  | ND          | ND            |     |
| CBCA                | 0.0181  | 0.0543  | ND          | ND            |     |
| CBCV                | 0.006   | 0.018   | ND          | ND            |     |
| CBD                 | 0.0081  | 0.0242  | ND          | ND            |     |
| CBDA                | 0.0043  | 0.013   | ND          | ND            |     |
| CBDV                | 0.0061  | 0.0182  | ND          | ND            |     |
| CBDVA               | 0.0021  | 0.0063  | ND          | ND            |     |
| CBG                 | 0.0057  | 0.0172  | 99.4        | 994           |     |
| CBGA                | 0.0049  | 0.0147  | ND          | ND            |     |
| CBL                 | 0.0112  | 0.0335  | ND          | ND            |     |
| CBLA                | 0.0124  | 0.0371  | ND          | ND            |     |
| CBN                 | 0.0056  | 0.0169  | ND          | ND            |     |
| CBNA                | 0.006   | 0.0181  | ND          | ND            |     |
| CBT                 | 0.018   | 0.054   | ND          | ND            |     |
| Δ8-THC              | 0.0104  | 0.0312  | ND          | ND            |     |
| Δ9-THC              | 0.0076  | 0.0227  | ND          | ND            |     |
| Δ9-THCA             | 0.0084  | 0.0251  | ND          | ND            |     |
| Δ9-THCV             | 0.0069  | 0.0206  | ND          | ND            |     |
| Δ9-THCVA            | 0.0062  | 0.0186  | ND          | ND            |     |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |     |
| <b>Total</b>        |         |         | <b>99.4</b> | <b>994</b>    |     |



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



 Generated By: Ryan Bellone  
 CCO  
 Date: 09/22/2023



 Tested By: Nicholas Howard  
 Scientist  
 Date: 09/22/2023

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


## D8THCp

 Sample ID: SA-230106-15491  
 Batch: 010423  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

 Received: 01/06/2023  
 Completed: 01/20/2023

**Client**  
 MC Nutraceuticals  
 6101 Long Prairie Rd, Ste 144 LB 17  
 Flower Mound, TX 75028  
 USA

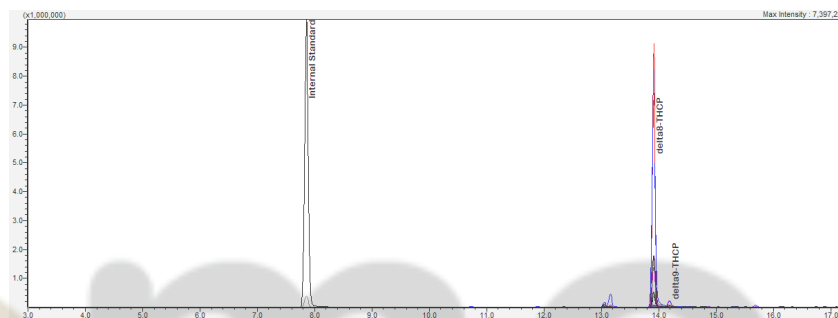

## Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 01/11/2023  | Tested |
| Heavy Metals      | 01/18/2023  | Tested |
| Pesticides        | 01/18/2023  | Tested |
| Residual Solvents | 01/20/2023  | Tested |

|                           |                          |                                     |                                       |                                     |   |
|---------------------------|--------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|
| <b>ND</b><br>Total Δ9-THC | <b>91.1 %</b><br>Δ8-THCP | <b>92.8 %</b><br>Total Cannabinoids | <b>Not Tested</b><br>Moisture Content | <b>Not Tested</b><br>Foreign Matter | <b>Yes</b><br>Internal Standard Normalization |
|---------------------------|--------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|

## Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

| Analyte             | LOD (%) | LOQ (%) | Result (%)  | Result (mg/g) |
|---------------------|---------|---------|-------------|---------------|
| CBC                 | 0.0095  | 0.0284  | ND          | ND            |
| CBCA                | 0.0181  | 0.0543  | ND          | ND            |
| CBCV                | 0.006   | 0.018   | ND          | ND            |
| CBD                 | 0.0081  | 0.0242  | ND          | ND            |
| CBDA                | 0.0043  | 0.013   | ND          | ND            |
| CBDP                | 0.0067  | 0.02    | ND          | ND            |
| CBDV                | 0.0061  | 0.0182  | ND          | ND            |
| CBDVA               | 0.0021  | 0.0063  | ND          | ND            |
| CBG                 | 0.0057  | 0.0172  | ND          | ND            |
| CBGA                | 0.0049  | 0.0147  | ND          | ND            |
| CBL                 | 0.0112  | 0.0335  | ND          | ND            |
| CBLA                | 0.0124  | 0.0371  | ND          | ND            |
| CBN                 | 0.0056  | 0.0169  | ND          | ND            |
| CBNA                | 0.006   | 0.0181  | ND          | ND            |
| CBT                 | 0.018   | 0.054   | ND          | ND            |
| Δ8-THC              | 0.0104  | 0.0312  | ND          | ND            |
| Δ8-THCP             | 0.0067  | 0.02    | 91.1        | 911           |
| Δ9-THC              | 0.0076  | 0.0227  | ND          | ND            |
| Δ9-THCA             | 0.0084  | 0.0251  | ND          | ND            |
| Δ9-THCP             | 0.0067  | 0.02    | 1.73        | 17.3          |
| Δ9-THCV             | 0.0069  | 0.0206  | ND          | ND            |
| Δ9-THCVA            | 0.0062  | 0.0186  | ND          | ND            |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total CBD</b>    |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>92.8</b> | <b>928</b>    |



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



 Generated By: Ryan Bellone  
 CCO  
 Date: 01/20/2023



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 01/11/2023

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


**D8THCp**

 Sample ID: SA-230106-15491  
 Batch: 010423  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

 Received: 01/06/2023  
 Completed: 01/20/2023

**Client**  
 MC Nutraceuticals  
 6101 Long Prairie Rd, Ste 144 LB 17  
 Flower Mound, TX 75028  
 USA

**Heavy Metals by ICP-MS**

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---------|-----------|-----------|--------------|
| Arsenic | 2         | 20        | ND           |
| Cadmium | 1         | 20        | ND           |
| Lead    | 2         | 20        | ND           |
| Mercury | 12        | 50        | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit




 Generated By: Ryan Bellone  
 CCO  
 Date: 01/20/2023



 Tested By: Kelsey Rogers  
 Scientist  
 Date: 01/18/2023


**D8THCp**

 Sample ID: SA-230106-15491  
 Batch: 010423  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

 Received: 01/06/2023  
 Completed: 01/20/2023

**Client**  
 MC Nutraceuticals  
 6101 Long Prairie Rd, Ste 144 LB 17  
 Flower Mound, TX 75028  
 USA

**Pesticides by LC-MS/MS and GC-MS/MS**

| Analyte              | LOD (ppb) | LOQ (ppb) | Result (ppb) | Analyte            | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|----------------------|-----------|-----------|--------------|--------------------|-----------|-----------|--------------|
| Acephate             | 30        | 100       | ND           | Hexythiazox        | 30        | 100       | ND           |
| Acetamiprid          | 30        | 100       | ND           | Imazalil           | 30        | 100       | ND           |
| Aldicarb             | 30        | 100       | ND           | Imidacloprid       | 30        | 100       | ND           |
| Azoxystrobin         | 30        | 100       | ND           | Kresoxim methyl    | 30        | 100       | ND           |
| Bifenazate           | 30        | 100       | ND           | Malathion          | 30        | 100       | ND           |
| Bifenthrin           | 30        | 100       | ND           | Metaxyl            | 30        | 100       | ND           |
| Boscalid             | 30        | 100       | ND           | Methiocarb         | 30        | 100       | ND           |
| Carbaryl             | 30        | 100       | ND           | Methomyl           | 30        | 100       | ND           |
| Carbofuran           | 30        | 100       | ND           | Mevinphos          | 30        | 100       | ND           |
| Chloranthraniliprole | 30        | 100       | ND           | Myclobutanil       | 30        | 100       | ND           |
| Chlorfenapyr         | 30        | 100       | ND           | Naled              | 30        | 100       | ND           |
| Chlorpyrifos         | 30        | 100       | ND           | Oxamyl             | 30        | 100       | ND           |
| Clofentezine         | 30        | 100       | ND           | Paclobutrazol      | 30        | 100       | ND           |
| Coumaphos            | 30        | 100       | ND           | Permethrin         | 30        | 100       | ND           |
| Daminozide           | 30        | 100       | ND           | Phosmet            | 30        | 100       | ND           |
| Diazinon             | 30        | 100       | ND           | Piperonyl Butoxide | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Prallethrin        | 30        | 100       | ND           |
| Dimethoate           | 30        | 100       | ND           | Propiconazole      | 30        | 100       | ND           |
| Dimethomorph         | 30        | 100       | ND           | Propoxur           | 30        | 100       | ND           |
| Ethoprophos          | 30        | 100       | ND           | Pyrethrins         | 30        | 100       | ND           |
| Etofenprox           | 30        | 100       | ND           | Pyridaben          | 30        | 100       | ND           |
| Etoxazole            | 30        | 100       | ND           | Spinetoram         | 30        | 100       | ND           |
| Fenhexamid           | 30        | 100       | ND           | Spinosad           | 30        | 100       | ND           |
| Fenoxycarb           | 30        | 100       | ND           | Spiromesifen       | 30        | 100       | ND           |
| Fenpyroximate        | 30        | 100       | ND           | Spirotetramat      | 30        | 100       | ND           |
| Fipronil             | 30        | 100       | ND           | Spiroxamine        | 30        | 100       | ND           |
| Fonicamid            | 30        | 100       | ND           | Tebuconazole       | 30        | 100       | ND           |
| Fludioxonil          | 30        | 100       | ND           | Thiacloprid        | 30        | 100       | ND           |
|                      |           |           |              | Thiamethoxam       | 30        | 100       | ND           |
|                      |           |           |              | Trifloxystrobin    | 30        | 100       | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



 Generated By: Ryan Bellone  
 CCO  
 Date: 01/20/2023



 Tested By: Jared Burkhart  
 Technical Manager  
 Date: 01/18/2023


**D8THCp**

 Sample ID: SA-230106-15491  
 Batch: 010423  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

 Received: 01/06/2023  
 Completed: 01/20/2023

**Client**

 MC Nutraceuticals  
 6101 Long Prairie Rd, Ste 144 LB 17  
 Flower Mound, TX 75028  
 USA

**Residual Solvents by HS-GC-MS/MS**

| Analyte               | LOD (ppm) | LOQ (ppm) | Result (ppm) | Analyte                  | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|-----------------------|-----------|-----------|--------------|--------------------------|-----------|-----------|--------------|
| Acetone               | 167       | 500       | ND           | Ethylene Glycol          | 21        | 62        | ND           |
| Acetonitrile          | 14        | 41        | ND           | Ethylene Oxide           | 0.5       | 1         | ND           |
| Benzene               | 0.5       | 1         | ND           | Heptane                  | 167       | 500       | ND           |
| Butane                | 167       | 500       | ND           | n-Hexane                 | 10        | 29        | ND           |
| 1-Butanol             | 167       | 500       | ND           | Isobutane                | 167       | 500       | ND           |
| 2-Butanol             | 167       | 500       | ND           | Isopropyl Acetate        | 167       | 500       | ND           |
| 2-Butanone            | 167       | 500       | ND           | Isopropyl Alcohol        | 167       | 500       | ND           |
| Chloroform            | 2         | 6         | ND           | Isopropylbenzene         | 167       | 500       | ND           |
| Cyclohexane           | 129       | 388       | ND           | Methanol                 | 100       | 300       | ND           |
| 1,2-Dichloroethane    | 0.5       | 1         | ND           | 2-Methylbutane           | 10        | 29        | ND           |
| 1,2-Dimethoxyethane   | 4         | 10        | ND           | Methylene Chloride       | 20        | 60        | ND           |
| Dimethyl Sulfoxide    | 167       | 500       | ND           | 2-Methylpentane          | 10        | 29        | ND           |
| N,N-Dimethylacetamide | 37        | 109       | ND           | 3-Methylpentane          | 10        | 29        | ND           |
| 2,2-Dimethylbutane    | 10        | 29        | ND           | n-Pentane                | 167       | 500       | ND           |
| 2,3-Dimethylbutane    | 10        | 29        | ND           | 1-Pentanol               | 167       | 500       | ND           |
| N,N-Dimethylformamide | 30        | 88        | ND           | n-Propane                | 167       | 500       | ND           |
| 2,2-Dimethylpropane   | 167       | 500       | ND           | 1-Propanol               | 167       | 500       | ND           |
| 1,4-Dioxane           | 13        | 38        | ND           | Pyridine                 | 7         | 20        | ND           |
| Ethanol               | 167       | 500       | ND           | Tetrahydrofuran          | 24        | 72        | ND           |
| 2-Ethoxyethanol       | 6         | 16        | ND           | Toluene                  | 30        | 89        | ND           |
| Ethyl Acetate         | 167       | 500       | ND           | Trichloroethylene        | 3         | 8         | ND           |
| Ethyl Ether           | 167       | 500       | ND           | Tetramethylene Sulfone   | 6         | 16        | ND           |
| Ethylbenzene          | 3         | 7         | ND           | Xylenes (o-, m-, and p-) | 73        | 217       | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit




 Generated By: Ryan Bellone  
 CCO  
 Date: 01/20/2023



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 01/20/2023
