

OFFICIAL CERTIFICATE OF ANALYSIS SUMMARY

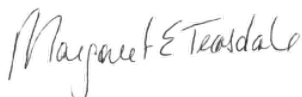
| SAMPLE INFORMATION    |                           | TESTS                | RESULT |
|-----------------------|---------------------------|----------------------|--------|
| <b>Client Name</b>    | Green Meadows Farm, LLC   | <b>% Water (w/w)</b> | 5.6 %  |
| <b>Retail Name</b>    | Flower - Chem Fuego #1    | <b>Microbials</b>    | FAIL   |
| <b>METRC ID</b>       | 1A40A0300004DBD000002750  | <b>Mycotoxins</b>    | PASS   |
| <b>Metric Src Pkg</b> | 1A40A0300004DBD000002743  | <b>Heavy Metals</b>  | PASS   |
| <b>Batch ID</b>       | 071723CF1FLW1             | <b>Pesticides</b>    | PASS   |
| <b>Prod Batch ID</b>  | 1A40A0300004DBD000002743  | <b>Solvents</b>      |        |
| <b>Manifest ID</b>    | VM3938                    | <b>Vitamin E</b>     |        |
| <b>CDX Sample ID</b>  | VM128069                  |                      |        |
|                       | <b>Sample Type</b> Flower |                      |        |
| <b>Report Date</b>    | 8/11/2023                 |                      |        |

| CANNABINOIDS |              |              |
|--------------|--------------|--------------|
| Cannabinoid  | % (w/w)      | mg/g         |
| CBDV         | NOT DETECTED | NOT DETECTED |
| CBDA         | 0.0703       | 0.703        |
| CBGA         | 0.953        | 9.53         |
| CBG          | 0.0688       | 0.688        |
| CBD          | NOT DETECTED | NOT DETECTED |
| THCV         | NOT DETECTED | NOT DETECTED |
| THCVA        | 0.112        | 1.12         |
| CBN          | NOT DETECTED | NOT DETECTED |
| D9 THC       | 0.474        | 4.74         |
| D8 THC       | NOT DETECTED | NOT DETECTED |
| CBC          | NOT DETECTED | NOT DETECTED |
| THCA         | 21.8         | 218          |
| <b>Total</b> | <b>23.5</b>  | <b>235</b>   |

Graph shown in logarithmic scale

Narrative

This summary page must be accompanied with the Official Certificate of Analysis to constitute a complete report. "Tests" categories only include analyses regulated by the Massachusetts Cannabis Control Commission. The designation of a result is based on the level of analyte present in the sample, minus measurement uncertainty, compared to the allowable limit enforced by the Massachusetts Cannabis Control Commission.



Margaret E. Teasdale, Ph.D.  
 Chief Science Officer

OFFICIAL CERTIFICATE OF ANALYSIS

RMD INFORMATION

|                      |  |
|----------------------|--|
| <b>Name</b>          | Green Meadows Farm, LLC                |
| <b>Address</b>       | 64 Mill Street, Southbridge, MA, 01550 |
| <b>METRC ID</b>      | 1A40A0300004DBD000002750               |
| <b>Batch ID</b>      | 071723CF1FLW1                          |
| <b>Prod Batch ID</b> | 1A40A0300004DBD000002743               |
| <b>Retail Name</b>   | Flower - Chem Fuego #1                 |

SAMPLE IDENTIFICATION

|                        |          |
|------------------------|----------|
| <b>Manifest Number</b> | VM3938   |
| <b>CDX Sample ID</b>   | VM128069 |
| <b>Sample Weight</b>   | 4.5      |
| <b>Sample Type</b>     | Flower   |
|                        |          |
|                        |          |
|                        |          |
|                        |          |

REPORT INFORMATION

|                      |           |
|----------------------|-----------|
| <b>Date Received</b> | 8/2/2023  |
| <b>Report Date</b>   | 8/11/2023 |

REQUESTED TESTS

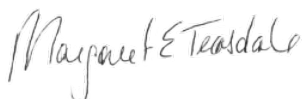
- Cannabinoids
- Terpenes
- Heavy Metals
- Microbials
- Mycotoxins
- Pesticides
- Solvents
- Vitamin E
- Viroids

NOTES

Narrative

Report of this sample signifies successful receipt, preparation, and analytical analysis of the referenced sample without non-conformances or exceedances of QA/QC criteria which can be provided upon request. The information provided in this report is compliant with the methods utilized and is accurate and complete. Methods utilized for preparation and analysis are cited in each test section. Methods for Cannabinoids and Terpenes analysis have been aligned to the AOAC standard method. Measurement of uncertainty has been accounted for and is available upon request.

CDX Analytics, LLC ("CDX") performs analytical testing of plant material and other medical marijuana products and marijuana infused products (MIPs) to comply with Massachusetts regulation 1-5 CMR725.000, Implementation of an Act for the Humanitarian Medical Use of Marijuana. Samples received from CDX clients are assumed to comply with the provisions in the "Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries." CDX is not responsible for the sale of non-compliant products by the client and the client shall indemnify and hold CDX and its affiliates harmless of any and all claims, losses, and damages related to client's sale of non-compliant cannabis-related product. The results on this Certificate of Analysis relate only to the items tested.



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WATER CONTENT % (w/w)

**Result:** 5.6

Analytical Method: Karl Fischer Titration







Lab SOP #:259

Analyst Detail: sferreira

Date: 8-4-2023

CANNABINOIDS

LOQ = 0.433mg/g

| Cannabinoid  | % (w/w)      | mg/g         |  |
|--------------|--------------|--------------|--|
| CBDV         | NOT DETECTED | NOT DETECTED |  |
| CBDA         | 0.0703       | 0.703        |    |
| CBGA         | 0.953        | 9.53         |    |
| CBG          | 0.0688       | 0.688        |    |
| CBD          | NOT DETECTED | NOT DETECTED |  |
| THCV         | NOT DETECTED | NOT DETECTED |  |
| THCVA        | 0.112        | 1.12         |  |
| CBN          | NOT DETECTED | NOT DETECTED |  |
| D9 THC       | 0.474        | 4.74         |  |
| D8 THC       | NOT DETECTED | NOT DETECTED |  |
| CBC          | NOT DETECTED | NOT DETECTED |  |
| THCA         | 21.8         | 218          |  |
| <b>Total</b> | <b>23.5</b>  | <b>235</b>   |  |

Graph shown in logarithmic scale

Analytical Method: LC-UV









Lab SOP #:251

Analyst Detail: aseguno

Date: 8-4-2023

AOAC % Water Content: 7.96

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| TERPENES % (w/w)                |              |   |                               | LOQ = .0434% (w/w) |   |
|---------------------------------|--------------|---|-------------------------------|--------------------|---|
| Terpene                         | Result       |   | Terpene                       | Result             | Graph shown in logarithmic scale  |
| <b>1</b> $\alpha$ -Bisabolol    | 0.0628       |    | <b>12</b> $\beta$ -Myrcene    | 0.245              |  |
| Borneol                         |              |   | <b>13</b> cis-Nerolidol       | NOT DETECTED       |   |
| <b>2</b> Camphene               | NOT DETECTED |   | <b>14</b> trans-Nerolidol     | 0.346              |  |
| <b>3</b> 3-Carene               | NOT DETECTED |   | Nootkatone                    |                    |   |
| Carvacrol                       |              |   | <b>15</b> cis-Ocimene         | NOT DETECTED       |   |
| Carvone                         |              |   | <b>16</b> trans-Ocimene       | NOT DETECTED       |   |
| <b>4</b> $\beta$ -Caryophyllene | 0.387        |    | Octyl Acetate                 |                    |   |
| Caryophyllene Oxide             |              |   | $\alpha$ -Phellandrene        |                    |   |
| $\alpha$ -Cedrene               |              |   | Phytane                       |                    |   |
| Cedrol                          |              |   | <b>17</b> $\alpha$ -Pinene    | NOT DETECTED       |   |
| Eucalyptol                      |              |   | <b>18</b> $\beta$ -Pinene     | 0.0677             |  |
| Citral                          |              |   | Piperitone                    |                    |   |
| trans- $\beta$ -Farnesene       |              |   | Pulegone                      |                    |   |
| Farnesol isomer 1               |              |   | Sabinene                      |                    |   |
| Farnesol isomer 2               |              |   | Sabinene Hydrate              |                    |   |
| Fenchone                        |              |   | Safranal                      |                    |   |
| Fenchol                         |              |   | Squalene                      |                    |   |
| <b>5</b> Geraniol               | NOT DETECTED |   | Terpinen-4-ol                 |                    |   |
| Geranyl acetate                 |              |   | <b>19</b> $\alpha$ -Terpinene | NOT DETECTED       |   |
| <b>6</b> Guaial                 | NOT DETECTED |   | <b>20</b> $\gamma$ -Terpinene | NOT DETECTED       |   |
| <b>7</b> $\alpha$ -Humulene     | 0.154        |  | $\alpha$ -Terpineol           |                    |   |
| Isoborneol                      |              |   | <b>21</b> Terpinolene         | NOT DETECTED       |   |
| o-Cymene                        |              |   | $\alpha$ -Thujone             |                    |   |
| <b>8</b> p-Cymene               | NOT DETECTED |   | Thymol                        |                    |   |
| m-Cymene                        |              |   | Valencene                     |                    |   |
| <b>9</b> Isopulegol             | NOT DETECTED |   | Verbenone                     |                    |   |
| <b>10</b> $\delta$ -Limonene    | 0.207        |  |                               |                    |   |
| <b>11</b> Linalool              | 0.382        |  |                               |                    |   |
| Menthol                         |              |   |                               |                    |   |
| Menthone                        |              |   |                               |                    |   |
|                                 |              |   | <b>Total</b>                  | <b>1.85</b>        |   |

Analytical Method: GC-FID  
 AOAC % Water Content: 7.96

Lab SOP #:253

Analyst Detail: aseguno

Date: 8-4-2023

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| METALS (ppb)              |               |               |                           | LOQ = All Use Limit |                    |
|---------------------------|---------------|---------------|---------------------------|---------------------|--------------------|
| Metal                     | All Use Limit | Ingest Limit  | Result                    | All Use (P/F)       | Ingest Limit (P/F) |
| Arsenic                   | 200           | 1500          | NOT DETECTED              | PASS                | PASS               |
| Cadmium                   | 200           | 500           | NOT DETECTED              | PASS                | PASS               |
| Lead                      | 500           | 1000          | NOT DETECTED              | PASS                | PASS               |
| Mercury                   | 100           | 1500          | NOT DETECTED              | PASS                | PASS               |
| Analytical Method: ICP-MS |               | Lab SOP #:252 | Analyst Detail: RMENEADES | Date: 8-4-2023      |                    |

| MICROBIALS (CFU/g)                   |              |                   | LOQ = Limit                              |
|--------------------------------------|--------------|-------------------|--|
| Microbial                            | Limit        | Result            | (P/F)                                    |
| Total Aerobic Bacteria               | 100000       | NOT DETECTED      | PASS                                     |
| Total Yeast and Mold                 | 10000        | 2000000           | FAIL                                     |
| Total Coliforms                      | 1000         | NOT DETECTED      | PASS                                     |
| Bile Tolerant Gram Negative Bacteria | 1000         | NOT DETECTED      | PASS                                     |
| E. Coli                              | NOT DETECTED | NOT DETECTED      | PASS                                     |
| Salmonella spp.                      | NOT DETECTED | NOT DETECTED      | PASS                                     |
| Analytical Method: qPCR              |              | Lab SOP #:256/257 | Analyst Detail: jrose<br>Date: 8-10-2023 |

| MYCOTOXINS (ppb)              |       |               | LOQ = 20 ppb                                 |
|-------------------------------|-------|---------------|--|
| Mycotoxin                     | Limit | Result        | (P/F)  |
| Sum of Aflatoxins B1,B2,G1,G2 | 20    | NOT DETECTED  | PASS   |
| Ochratoxin A                  | 20    | NOT DETECTED  | PASS   |
| Analytical Method: LC-MS      |       | Lab SOP #:258 | Analyst Detail: eduranpoli<br>Date: 8-4-2023 |

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**PESTICIDES (ppb)** LOQ = 10 ppb

| Pesticide       | Limit | Result       | (P/F) |
|-----------------|-------|--------------|-------|
| Bifenazate      | 10    | NOT DETECTED | PASS  |
| Bifenthrin      | 10    | NOT DETECTED | PASS  |
| Cyfluthrin      | 10    | NOT DETECTED | PASS  |
| Etoxazole       | 10    | NOT DETECTED | PASS  |
| Imazalil        | 10    | NOT DETECTED | PASS  |
| Imidacloprid    | 10    | NOT DETECTED | PASS  |
| Myclobutanil    | 10    | NOT DETECTED | PASS  |
| Spiromesifen    | 10    | NOT DETECTED | PASS  |
| Trifloxystrobin | 10    | NOT DETECTED | PASS  |

Analytical Method: GC-MSMS, LC-MSMS    Lab SOP #:255    Analyst Detail: nsionkiewicz    Date: 8-5-2023

**SOLVENTS (ppm)** NOT TESTED

| Solvent   | Limit | Result | (P/F) |
|-----------|-------|--------|-------|
| Ethanol   |       |        |       |
| Heptane   |       |        |       |
| Butane    |       |        |       |
| Propane   |       |        |       |
| Isobutane |       |        |       |
| Acetone   |       |        |       |
| Pentane   |       |        |       |

Analytical Method: GC-FID    Lab SOP #:254    Analyst Detail:    Date:

**VITAMIN E (ppm)** NOT TESTED

| Vitamin E         | Limit | Result | (P/F) |
|-------------------|-------|--------|-------|
| Vitamin E Acetate |       |        |       |

Analytical Method: LC-UV    Lab SOP #:260    Analyst Detail:    Date: