



# Certificate of Analysis

Sample: DE30728003-001  
Harvest/Lot ID: 23200  
Batch#: CO HEMP/7500 - 23200  
Seed to Sale# 1A4000B00010D25000003182  
Batch Date: 07/19/23  
Sample Size Received: 42 gram  
Total Amount: 42 gram  
Retail Product Size: 42 gram  
Ordered: 07/27/23  
Sampled: 07/27/23  
Completed: 08/03/23

**PASSED**

Aug 03, 2023 | Mary's Nutritionals

3251 North Revere Street Suite 200  
Aurora, CO, 80239, US



Pages 1 of 6

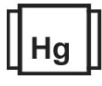
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**NOT TESTED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Homogeneity Testing  
**PASSED**



Terpenes  
**NOT TESTED**

MISC.



## Cannabinoid

**PASSED**



Total THC

**ND**

Total THC/Container : 0 mg



Total CBD

**0.2034%**

Total CBD/Container : 85.428 mg



Total Cannabinoids

**0.2294%**

Total Cannabinoids/Container : 96.348 mg

|      | TOTAL 9(R)-THC | CBDV   | CBDVA  | CBG    | CBD    | CBDA   | THCV   | CBGA   | CBN    | EXO-THC | CBDQ   | D9-THC | D8-THC | CBL    | THCVA  | CBC    | D10-THC | CBNA   | THCA   | CBCA   | CBLA   | THC-O-ACE TATE |
|------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|----------------|
| %    | ND             | ND     | ND     | 0.026  | 0.2034 | ND     | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND     | ND             |
| mg/g | ND             | ND     | ND     | 0.26   | 2.034  | ND     | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND     | ND             |
| LOD  | 0.01           | 0.0017 | 0.0014 | 0.0009 | 0.0021 | 0.0031 | 0.0006 | 0.0016 | 0.0044 | 0.0008  | 0.0012 | 0.0025 | 0.0016 | 0.0034 | 0.0029 | 0.0014 | 0.0059  | 0.0047 | 0.0026 | 0.0011 | 0.0022 | 0.0021         |
| %    | %              | %      | %      | %      | %      | %      | %      | %      | %      | %       | %      | %      | %      | %      | %      | %      | %       | %      | %      | %      | %      | %              |

Analyzed by: 1642, 2863, 2791, 2813, 2080

Weight: 1.2122g

Extraction date: 07/31/23 11:27:03

Extracted by: 2721,2813

Analysis Method : SOP.T.40.039.CO

Analytical Batch : DE006062POT

Instrument Used : Agilent 1100 "Liger"

Analyzed Date : 08/01/23 12:00:28

Reviewed On : 08/02/23 12:45:32

Batch Date : 07/31/23 07:30:14

Dilution : 40

Reagent : 071023.R25; 070123.R02; 072823.R01; 072823.R02

Consumables : 2225821657; 2014919; 00336569; 0000164728; 303122060; 12606-251CD-251C; 234422; 61572-107C6-107H

Pipette : POT- 20E73244; POT- 20E74976; POT- 20K63477; P1000 - 20B29164-A; P200- 6507768

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

### Label Claim - PASSED

| Analyte   | LOD   | Units | Pass/Fail | Result | Analyte   | LOD   | Units | Pass/Fail | Result |
|-----------|-------|-------|-----------|--------|-----------|-------|-------|-----------|--------|
| TOTAL CBG | 0.001 | mg    | TESTED    | 10.92  | TOTAL CBN | 0.001 | mg    | TESTED    | ND     |

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**Dane Oberhill**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01



Signature

08/03/23



# Certificate of Analysis

**PASSED**

Mary's Nutritionals

3251 North Revere Street Suite 200  
Aurora, CO, 80239, US  
Telephone: (618) 967-7828  
Email: mitch@marysmanagement.com

Sample : DE30728003-001  
Harvest/Lot ID: 23200

Batch# : CO HEMP/7500 - 23200  
Sampled : 07/27/23  
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Sample Size Received : 42 gram  
Total Amount : 42 gram  
Completed : 08/03/23 Expires: 08/03/24  
Sample Method : SOP Client Method

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## Pesticides

PASSED

| Pesticide           | LOD    | Units | Action Level | Pass/Fail | Result  | Pesticide          | LOD    | Units | Action Level | Pass/Fail | Result |
|---------------------|--------|-------|--------------|-----------|---------|--------------------|--------|-------|--------------|-----------|--------|
| AVERMECTINS         | 0.0139 | ppb   | 100          | PASS      | ND      | HEXYTHIAZOX        | 0.1977 | ppb   | 10           | PASS      | ND     |
| AZOXYSTROBIN        | 0.1122 | ppb   | 20           | PASS      | ND      | KRESOXIM-METHYL    | 0.5115 | ppb   | 150          | PASS      | ND     |
| BIFENAZATE          | 0.3285 | ppb   | 20           | PASS      | ND      | METHIOCARB         | 2.3105 | ppb   | 10           | PASS      | ND     |
| BIFENTHRIN          | 0.3469 | ppb   | 1000         | PASS      | ND      | METHOMYL           | 0.379  | ppb   | 25           | PASS      | ND     |
| BOSCALID            | 0.3057 | ppb   | 20           | PASS      | ND      | METHOPRENE         | 0.4892 | ppb   | 2000         | PASS      | ND     |
| CARBARYL            | 0.3165 | ppb   | 50           | PASS      | ND      | MEVINPHOS          | 0.0432 | ppb   | 25           | PASS      | ND     |
| CHLORPYRIFOS        | 0.2889 | ppb   | 40           | PASS      | ND      | MGK-264            | 0.1438 | ppb   | 50           | PASS      | ND     |
| CLOTHIANIDIN        | 0.537  | ppb   | 50           | PASS      | ND      | NALED              | 0.4305 | ppb   | 100          | PASS      | ND     |
| CYHALOTHRIIN-LAMBDA | 1.8598 | ppb   | 250          | PASS      | ND      | NOVALURON          | 0.2164 | ppb   | 25           | PASS      | ND     |
| DICHLORVOS          | 0.9888 | ppb   | 100          | PASS      | ND      | PHOSMET            | 0.2483 | ppb   | 20           | PASS      | ND     |
| DIMETHOATE          | 0.2585 | ppb   | 20           | PASS      | ND      | OXAMYL             | 0.376  | ppb   | 1500         | PASS      | ND     |
| DINOTEFURAN         | 0.4004 | ppb   | 100          | PASS      | ND      | PIPERONYL BUTOXIDE | 0.3284 | ppb   | 1250         | PASS      | ND     |
| DIURON              | 0.7923 | ppb   | 125          | PASS      | ND      | PACLOBUTRAZOL      | 1.4227 | ppb   | 10           | PASS      | ND     |
| ETOXAZOLE           | 0.1839 | ppb   | 20           | PASS      | ND      | PIRIMICARB         | 0.3458 | ppb   | 10           | PASS      | ND     |
| IMAZALIL            | 0.4019 | ppb   | 50           | PASS      | ND      | PHENOTHRIN         | 0.306  | ppb   | 50           | PASS      | ND     |
| IMIDACLOPRID        | 0.265  | ppb   | 20           | PASS      | ND      | PRALLETHRIN        | 0.6623 | ppb   | 50           | PASS      | ND     |
| MALATHION           | 0.3036 | ppb   | 20           | PASS      | ND      | PROPOXUR           | 0.7835 | ppb   | 10           | PASS      | ND     |
| METALAXYL           | 0.2756 | ppb   | 20           | PASS      | ND      | PRYACLOSTROBIN     | 0.2379 | ppb   | 10           | PASS      | ND     |
| MYCLOBUTANIL        | 0.4417 | ppb   | 20           | PASS      | ND      | PYRETHRINS         | 0.181  | ppb   | 50           | PASS      | ND     |
| PERMETHRINS         | 0.2109 | ppb   | 500          | PASS      | 64.2359 | PYRIDABEN          | 0.298  | ppb   | 20           | PASS      | ND     |
| PROPCONAZOLE        | 0.5658 | ppb   | 100          | PASS      | ND      | RESMETHRIN         | 0.2008 | ppb   | 50           | PASS      | ND     |
| PYRIPROXYFEN        | 0.8551 | ppb   | 10           | PASS      | ND      | SPINETORAM         | 0.1177 | ppb   | 10           | PASS      | ND     |
| SPINOSADS           | 0.0545 | ppb   | 100          | PASS      | ND      | SPIRODICLOFEN      | 0.183  | ppb   | 250          | PASS      | ND     |
| SPIROMESIFEN        | 0.2912 | ppb   | 3000         | PASS      | ND      | SPIROXAMINE        | 0.3745 | ppb   | 100          | PASS      | ND     |
| SPIROTETRAMAT       | 0.4266 | ppb   | 20           | PASS      | ND      | TEBUFENOXIDE       | 0.2154 | ppb   | 10           | PASS      | ND     |
| TEBUCONAZOLE        | 0.3302 | ppb   | 50           | PASS      | ND      | TEFLUBENZURON      | 0.4437 | ppb   | 25           | PASS      | ND     |
| THIABENDAZOLE       | 0.8056 | ppb   | 20           | PASS      | ND      | TETRACHLORVINPHOS  | 0.133  | ppb   | 10           | PASS      | ND     |
| THIAMETHOXAM        | 0.3232 | ppb   | 20           | PASS      | ND      | TETRAMETHRIN       | 0.238  | ppb   | 100          | PASS      | ND     |
| ACEPHATE            | 0.2755 | ppb   | 50           | PASS      | ND      | THIACLOPRID        | 0.3999 | ppb   | 10           | PASS      | ND     |
| ACEQUINOCLY         | 0.2707 | ppb   | 30           | PASS      | ND      | THIOPHANATE-METHYL | 1.2413 | ppb   | 50           | PASS      | ND     |
| ACETAMIPRID         | 0.225  | ppb   | 50           | PASS      | ND      | TRIFLOXYSTROBIN    | 0.1938 | ppb   | 10           | PASS      | ND     |
| ALDICARB            | 0.4206 | ppb   | 500          | PASS      | ND      | CHLORPHENAPYR      | 0.412  | ppb   | 1500         | PASS      | ND     |
| ALLETHRIN           | 0.3601 | ppb   | 100          | PASS      | ND      | ENDOSULFAN SULFATE | 0.4196 | ppb   | 2500         | PASS      | ND     |
| ATRAZINE            | 1.064  | ppb   | 25           | PASS      | ND      | ENDOSULFAN-ALPHA   | 0.5956 | ppb   | 2500         | PASS      | ND     |
| AZADIRACTHIN        | 1.1979 | ppb   | 500          | PASS      | ND      | ENDOSULFAN-BETA    | 0.5555 | ppb   | 2500         | PASS      | ND     |
| BENZOVINDIFLUPYR    | 0.3651 | ppb   | 10           | PASS      | ND      | ETRIDIAZOLE        | 1.2221 | ppb   | 150          | PASS      | ND     |
| BUPROFEZIN          | 0.3    | ppb   | 20           | PASS      | ND      | FENTHION           | 0.3118 | ppb   | 10           | PASS      | ND     |
| CARBOFURAN          | 0.3317 | ppb   | 10           | PASS      | ND      | IPRODIONE          | 0.2738 | ppb   | 500          | PASS      | ND     |
| CHLORANTRILIPROLE   | 0.4629 | ppb   | 20           | PASS      | ND      | KINOPRENE          | 1.7294 | ppb   | 1250         | PASS      | ND     |
| CLOFENTEZINE        | 0.3505 | ppb   | 10           | PASS      | ND      | PARATHION-METHYL   | 0.2709 | ppb   | 50           | PASS      | ND     |
| COUMAPHOS           | 0.2529 | ppb   | 10           | PASS      | ND      | QUINTOZENE         | 0.2693 | ppb   | 20           | PASS      | ND     |
| CYANTRILIPROLE      | 0.5411 | ppb   | 10           | PASS      | ND      | OTHER PESTICIDES   | 0.1    | ppb   | 100          | PASS      | ND     |
| CYFLUTHRIN          | 0.6072 | ppb   | 200          | PASS      | ND      |                    |        |       |              |           |        |
| CYPERMETHRIN        | 0.3065 | ppb   | 300          | PASS      | ND      |                    |        |       |              |           |        |
| CYPRODINIL          | 0.4377 | ppb   | 10           | PASS      | ND      |                    |        |       |              |           |        |
| DAMINOZIDE          | 4.9907 | ppb   | 100          | PASS      | ND      |                    |        |       |              |           |        |
| DELTAMETHRIN        | 0.8431 | ppb   | 500          | PASS      | ND      |                    |        |       |              |           |        |
| DIAZINON            | 0.2055 | ppb   | 20           | PASS      | ND      |                    |        |       |              |           |        |
| DIMETHOMORPH        | 0.1014 | ppb   | 50           | PASS      | ND      |                    |        |       |              |           |        |
| DODEMORPH           | 0.2713 | ppb   | 50           | PASS      | ND      |                    |        |       |              |           |        |
| ETHOPROPHOS         | 0.4738 | ppb   | 10           | PASS      | ND      |                    |        |       |              |           |        |
| FIPRONIL            | 0.2707 | ppb   | 10           | PASS      | ND      |                    |        |       |              |           |        |
| ETOFENPROX          | 0.4114 | ppb   | 50           | PASS      | ND      |                    |        |       |              |           |        |
| FENHEXAMID          | 0.945  | ppb   | 125          | PASS      | ND      |                    |        |       |              |           |        |
| FENOXICARB          | 0.4316 | ppb   | 20           | PASS      | ND      |                    |        |       |              |           |        |
| FENPROXIMATE        | 0.3098 | ppb   | 20           | PASS      | ND      |                    |        |       |              |           |        |
| FENSULFOTHRON       | 0.3684 | ppb   | 10           | PASS      | ND      |                    |        |       |              |           |        |
| FENVALERATE         | 0.5416 | ppb   | 100          | PASS      | ND      |                    |        |       |              |           |        |
| FLONICAMID          | 0.3493 | ppb   | 25           | PASS      | ND      |                    |        |       |              |           |        |
| FLUDIOXONIL         | 0.2632 | ppb   | 10           | PASS      | ND      |                    |        |       |              |           |        |
| FLUOPYRAM           | 0.3817 | ppb   | 10           | PASS      | ND      |                    |        |       |              |           |        |

Analyzed by: 1642, 2319, 7, 2080 Weight: 0.2034g Extraction date: 07/30/23 11:39:09 Extracted by: 2318  
 Analysis Method : SOP-060 (R5)  
 Analytical Batch : DE006055PES Reviewed On : 08/03/23 15:06:51  
 Instrument Used : Sciex 7500 Qtrap "Hades" - Pesticides Batch Date : 07/30/23 08:18:23  
 Analyzed Date : 08/01/23 12:36:34  
 Dilution : 20  
 Reagent : 073023.R14; 073023.R17; 073023.R13; 073023.R16; 073023.R12; 072423.R11; 073023.R15; 070523.R06; 072423.R10; 072323.R15; 072623.R10; 072623.R09; 070523.R12; 071623.R24; 073023.R01  
 Consumables : 2225821657; 2014919; 00339105-4; 0000185478; 220607059D; 61572-107C6-107H  
 Pipette : N/A  
 Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).

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**Dane Oberhill**  
Lab Director  
State License # 405R-00011  
405-00008  
ISO 17025 Accreditation # 4331.01



Signature  
08/03/23



# Certificate of Analysis

**PASSED**

**Mary's Nutritionals**

3251 North Revere Street Suite 200  
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Telephone: (618) 967-7828  
Email: mitch@marysmanagement.com

Sample : DE30728003-001  
Harvest/Lot ID: 23200

Batch# : CO HEMP/7500 -  
23200  
Sampled : 07/27/23  
Ordered : 07/27/23

Sample Size Received : 42 gram  
Total Amount : 42 gram  
Completed : 08/03/23 Expires: 08/03/24  
Sample Method : SOP Client Method

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## Residual Solvents

**PASSED**

| Solvents      | LOD    | Units | Action Level | Pass/Fail | Result |
|---------------|--------|-------|--------------|-----------|--------|
| PROPANE       | 4.2142 | ppm   | 1000         | PASS      | ND     |
| BUTANES       | 5.468  | ppm   | 1000         | PASS      | ND     |
| METHANOL      | 1.2786 | ppm   | 600          | PASS      | ND     |
| PENTANES      | 6.671  | ppm   | 1000         | PASS      | ND     |
| ETHANOL       | 2.701  | ppm   | 1000000      | PASS      | ND     |
| ACETONE       | 1.708  | ppm   | 1000         | PASS      | ND     |
| 2-PROPANOL    | 1.5875 | ppm   | 1000         | PASS      | ND     |
| HEXANES       | 1.9279 | ppm   | 60           | PASS      | ND     |
| ETHYL ACETATE | 2.7921 | ppm   | 1000         | PASS      | ND     |
| BENZENE       | 0.4749 | ppm   | 2            | PASS      | ND     |
| HEPTANE       | 3.2594 | ppm   | 1000         | PASS      | ND     |
| TOLUENE       | 2.1088 | ppm   | 180          | PASS      | ND     |
| XYLENES       | 7.115  | ppm   | 430          | PASS      | ND     |

|   |                    |                                       |                       |
|---|--------------------|---------------------------------------|-----------------------|
| Analyzed by:<br>2863, 666, 2494, 2080                   | Weight:<br>0.1697g | Extraction date:<br>07/28/23 15:49:54 | Extracted by:<br>2863 |
| Analysis Method : SOP.T.40.049.CO                       |                    | Reviewed On : 07/31/23 12:59:30       |                       |
| Analytical Batch : DE006053SOL                          |                    | Batch Date : 07/28/23 12:01:51        |                       |
| Instrument Used : GC 5890                               |                    |                                       |                       |
| Analyzed Date : 07/28/23 15:51:55                       |                    |                                       |                       |
| Dilution : 1  |                    |                                       |                       |
| Reagent : 071623.R14; 072623.R08                        |                    |                                       |                       |
| Consumables : 23033; 428251; G201.100; 61572-107C6-107H |                    |                                       |                       |
| Pipette : N/A   |                    |                                       |                       |

Residual solvents screening is performed using GC which can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.

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Harvest/Lot ID: 23200

Batch# : CO HEMP/7500 - 23200

Sampled : 07/27/23  
Ordered : 07/27/23



Sample Size Received : 42 gram


Total Amount : 42 gram

Completed : 08/03/23 Expires: 08/03/24

Sample Method : SOP Client Method

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|  <b>Microbial</b>   |                      |   |                        |             |              |  <b>Mycotoxins</b>   |                        |   |                                |             |              |
|--|----------------------|---|------------------------|-------------|--------------|---|------------------------|---|--------------------------------|-------------|--------------|
| PASSED   |                      |   |                        |             |              | PASSED  |                        |   |                                |             |              |
| Analyte  | LOD                  | Units                                     | Result                 | Pass / Fail | Action Level | Analyte   | LOD                    | Units                                     | Result                         | Pass / Fail | Action Level |
| <b>TOTAL YEAST AND MOLD</b>  | 100                  | cfu/g                                     | ND                     | PASS        | 10000        | <b>AFLATOXINS</b>   | 0.0539                 | ppb                                       | ND                             | PASS        | 20           |
| <b>SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC</b>   |                      |   | Not Present            | PASS        |              | <b>AFLATOXIN B1</b>   | 0.153                  | ppb                                       | ND                             | PASS        | 20           |
| <b>SALMONELLA SPECIES</b>  |                      |   | Not Present            | PASS        |              | <b>AFLATOXIN B2</b>   | 0.0823                 | ppb                                       | ND                             | PASS        | 20           |
| <b>TOTAL AEROBIC</b>   | 10                   | cfu/g                                     | ND                     | PASS        | 10000        | <b>AFLATOXIN G1</b>   | 0.0539                 | ppb                                       | ND                             | PASS        | 20           |
| <b>TOTAL COLIFORM</b>  | 10                   | cfu/g                                     | ND                     | PASS        | 100          | <b>AFLATOXIN G2</b>   | 0.227                  | ppb                                       | ND                             | PASS        | 20           |
|  |                      |   |                        |             |              | <b>OCHRATOXIN A+</b>  | 0.0117                 | ppb                                       | ND                             | PASS        | 20           |
| <b>Analyzed by:</b> 5, 7, 2080   | <b>Weight:</b> 3.82g | <b>Extraction date:</b> 07/28/23 16:46:25 | <b>Extracted by:</b> 5 |             |              | <b>Analyzed by:</b> 2318, 7, 2791, 2080   | <b>Weight:</b> 0.2034g | <b>Extraction date:</b> 08/01/23 09:38:29 | <b>Extracted by:</b> 2318,2791 |             |              |
| <b>Analysis Method :</b> SOP.T.40.057.CO; SOP.T.40.209.CO  |                      |   |                        |             |              | <b>Analysis Method :</b> SOP-060 (R5)   |                        |   |                                |             |              |
| <b>Analytical Batch :</b> DE006052MIC  |                      |   |                        |             |              | <b>Analytical Batch :</b> DE006057MYC   |                        |   |                                |             |              |
| <b>Instrument Used :</b> Microbial - Full Panel  |                      |   |                        |             |              | <b>Instrument Used :</b> Sciex 6500 Qtrap "Felicia" - Mycotoxins  |                        |   |                                |             |              |
| <b>Analyzed Date :</b> 07/28/23 16:54:34   |                      |   |                        |             |              | <b>Analyzed Date :</b> 07/30/23 11:34:08  |                        |   |                                |             |              |
| <b>Reviewed On :</b> 07/31/23 16:55:58   |                      |   |                        |             |              | <b>Reviewed On :</b> 08/01/23 09:39:46  |                        |   |                                |             |              |
| <b>Batch Date :</b> 07/28/23 11:01:11  |                      |   |                        |             |              | <b>Batch Date :</b> 07/30/23 08:21:54   |                        |   |                                |             |              |
| <b>Dilution :</b> N/A  |                      |   |                        |             |              | <b>Dilution :</b> 20  |                        |   |                                |             |              |
| <b>Reagent :</b> 061123.R10; 062923.R04; 072523.R03; 072423.R01; 072623.R02; 061523.R02; 072123.R05; 070623.R05; 072623.R06; 072123.R02; 071823.R06; 042123.R06; 071323.R04; 061223.13; 072023.01; 062923.01; 011723.44; 101122.02; 071823.01; 072123.01; 020723.01; 030123.01; 061423.10; 061423.11; 072723.R06; 072623.R05 |                      |   |                        |             |              | <b>Reagent :</b> 073023.R14; 073023.R17; 073023.R13; 073023.R16; 073023.R12; 072423.R11; 073023.R15; 070523.R06; 072423.R10; 072323.R15; 062523.R02; 072323.R05; 071323.R10; 070523.R12; 073023.R01 |                        |   |                                |             |              |
| <b>Consumables :</b> 211016-687-A; 1; 2; 3; 22148-CP69-22151; 00111; 01859; CH_2242419; 4; 5; 6; 7; 8; 9; 40960-040C4-040AL; CJ209G2; 10; 11; 12; 13; 14; 15; MSB1001  |                      |   |                        |             |              | <b>Consumables :</b> 2225821657; 2014919; 00339105-4; 0000185478; 220607059D; 61572-107C6-107H  |                        |   |                                |             |              |
| <b>Pipette :</b> M - O48453J; M - L47149J; M - 20F92851; M - MV21601; M - MU03680; M - M32141C; M - 20C40454; M - 22G22702; M - 6537603; M - MU06201; M - N65633K; M - K94440L; M - 20E73249; M - G19154L; M - P67199J; M - Q29305K; M - Q36416J; M - J46789J; M - J5715J; M - O52710K; M - N1563K; M - O34081K              |                      |   |                        |             |              | <b>Pipette :</b> N/A  |                        |   |                                |             |              |
| Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.   |                      |   |                        |             |              |   |                        |   |                                |             |              |

|  <b>Heavy Metals</b>                 |                        |   |                               |             |              | PASSED  |                        |   |                               |             |              |
|---|------------------------|---|-------------------------------|-------------|--------------|---|------------------------|---|-------------------------------|-------------|--------------|
| Metal   | LOD                    | Units                                     | Result                        | Pass / Fail | Action Level | Metal   | LOD                    | Units                                     | Result                        | Pass / Fail | Action Level |
| <b>ARSENIC</b>  | 0.0048                 | ppm                                       | <0.0144                       | PASS        | 1.5          |   |                        |   |                               |             |              |
| <b>CADMIUM</b>  | 0.0016                 | ppm                                       | ND                            | PASS        | 0.5          |   |                        |   |                               |             |              |
| <b>MERCURY</b>  | 0.0008                 | ppm                                       | ND                            | PASS        | 1            |   |                        |   |                               |             |              |
| <b>LEAD</b>   | 0.0039                 | ppm                                       | ND                            | PASS        | 1            |   |                        |   |                               |             |              |
| <b>Analyzed by:</b> 666, 2494, 2080   | <b>Weight:</b> 0.1944g | <b>Extraction date:</b> 07/30/23 17:54:13 | <b>Extracted by:</b> 666,2494 |             |              | <b>Analyzed by:</b> 666, 2494, 2080   | <b>Weight:</b> 0.1944g | <b>Extraction date:</b> 07/30/23 17:54:13 | <b>Extracted by:</b> 666,2494 |             |              |
| <b>Analysis Method :</b> SOP.T.40.081.CO  |                        |   |                               |             |              | <b>Analysis Method :</b> SOP.T.40.081.CO  |                        |   |                               |             |              |
| <b>Analytical Batch :</b> DE006054HEA   |                        |   |                               |             |              | <b>Analytical Batch :</b> DE006054HEA   |                        |   |                               |             |              |
| <b>Instrument Used :</b> Shimadzu 2030 ICP-MS "Alice"   |                        |   |                               |             |              | <b>Instrument Used :</b> Shimadzu 2030 ICP-MS "Alice"   |                        |   |                               |             |              |
| <b>Analyzed Date :</b> 07/30/23 16:11:52  |                        |   |                               |             |              | <b>Analyzed Date :</b> 07/30/23 16:11:52  |                        |   |                               |             |              |
| <b>Reviewed On :</b> 07/31/23 09:46:45  |                        |   |                               |             |              | <b>Reviewed On :</b> 07/31/23 09:46:45  |                        |   |                               |             |              |
| <b>Batch Date :</b> 07/30/23 07:32:38   |                        |   |                               |             |              | <b>Batch Date :</b> 07/30/23 07:32:38   |                        |   |                               |             |              |
| <b>Dilution :</b> 50  |                        |   |                               |             |              | <b>Dilution :</b> 50  |                        |   |                               |             |              |
| <b>Reagent :</b> 071723.R20; 071823.R07; 082721.13; 072523.R05; 072523.R04; 031323.14; 070523.02; 072423.R17; 071223.21 |                        |   |                               |             |              | <b>Reagent :</b> 071723.R20; 071823.R07; 082721.13; 072523.R05; 072523.R04; 031323.14; 070523.02; 072423.R17; 071223.21 |                        |   |                               |             |              |
| <b>Consumables :</b> 23133; 11922032; 220607059D; 234422  |                        |   |                               |             |              | <b>Consumables :</b> 23133; 11922032; 220607059D; 234422  |                        |   |                               |             |              |
| <b>Pipette :</b> P10- MU13938; P200- 8516758; HEA-19H16763  |                        |   |                               |             |              | <b>Pipette :</b> P10- MU13938; P200- 8516758; HEA-19H16763  |                        |   |                               |             |              |

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP.T.40.081.CO. Sample preparation for Heavy Metals Analysis via SOP.T.30.081.CO.

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**Dane Oberhill**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01



Signature

08/03/23



879 Federal Blvd  
Denver, CO, 80204, US  
(303) 427-2379

Kaycha Labs

Muscle Freeze 1.5  
N/A  
Matrix : Infused  
Type: Topical



# Certificate of Analysis

**PASSED**

**Mary's Nutritionals**

3251 North Revere Street Suite 200  
Aurora, CO, 80239, US  
Telephone: (618) 967-7828  
Email: mitch@marysmanagement.com

Sample : DE30728003-001  
Harvest/Lot ID: 23200

Batch# : CO HEMP/7500 - 23200  
Sampled : 07/27/23  
Ordered : 07/27/23

Sample Size Received : 42 gram  
Total Amount : 42 gram  
Completed : 08/03/23 Expires: 08/03/24  
Sample Method : SOP Client Method

Page 5 of 6

**Homogeneity** **PASSED**  
Amount of tests conducted : 6

| Analyte                     | LOD | Units | Pass/Fail   | Result | Action Level |
|-----------------------------|-----|-------|-------------|--------|--------------|
| <b>HOMOGENEITY</b>          |     | %     | <b>PASS</b> | 7.36   | 10           |
| <b>HOMOGENEITY (D9-THC)</b> | 1   | %     | <b>PASS</b> | ND     | 10           |
| <b>HOMOGENEITY (CBD)</b>    | 1   | %     | <b>PASS</b> | 7.3614 | 10           |
| <b>HOMOGENEITY (CBN)</b>    | 1   | %     | <b>PASS</b> | ND     | 10           |

Analysis Method : SOP.T.40.039.CO  
Analytical Batch : DE006062POT  
Instrument Used : Agilent 1100 "Liger"  
Analyzed Date : 08/01/23 12:00:28

Reviewed On : 08/02/23 12:45:32  
Batch Date : 07/31/23 07:30:14

%RSD for 4 replicates must be < 10% to pass Homogeneity testing in the State of Colorado.

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**Dane Oberhill**  
Lab Director  
State License # 405R-00011  
405-00008  
ISO 17025 Accreditation # 4331.01

Signature  
08/03/23



879 Federal Blvd  
Denver, CO, 80204, US  
(303) 427-2379

Kaycha Labs

Muscle Freeze 1.5

N/A

Matrix : Infused

Type: Topical



# Certificate of Analysis

**PASSED**

**Mary's Nutritionals**

3251 North Revere Street Suite 200  
Aurora, CO, 80239, US  
Telephone: (618) 967-7828  
Email: mitch@marysmanagement.com

**Sample : DE30728003-001**

**Harvest/Lot ID: 23200**

**Batch# : CO HEMP/7500 - 23200**

**Sampled : 07/27/23**

**Ordered : 07/27/23**

**Sample Size Received : 42 gram**

**Total Amount : 42 gram**

**Completed : 08/03/23 Expires: 08/03/24**

**Sample Method : SOP Client Method**

Page 6 of 6

## COMMENTS

\* Cannabinoid DE30728003-001POT

1 - Measurement Uncertainty for delta-9 THC (wt%, Infused) 95% interval : 0.07, Measurement Uncertainty for THCA (wt%, Infused) 95% interval : 0.05

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**Dane Oberhill**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01

Signature

08/03/23