

## Sugar Cookie - Delta 9 - CD9B401

 Sample ID: SA-231205-31343  
 Batch: CD9B401  
 Type: Finished Product - Inhalable  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

 Collected: 12/05/2023  
 Received: 12/08/2023  
 Completed: 12/19/2023

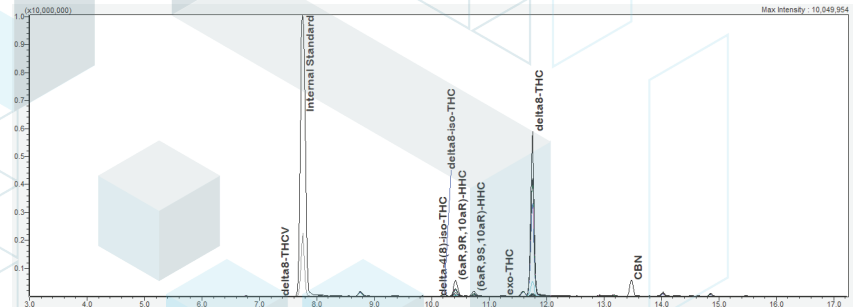

### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 12/19/2023  | Tested |
| Heavy Metals      | 12/15/2023  | Tested |
| Mycotoxins        | 12/12/2023  | Tested |
| Pesticides        | 12/12/2023  | Tested |
| Residual Solvents | 12/15/2023  | Tested |

|                           |                         |                                     |                                       |                                     |   |
|---------------------------|-------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|
| <b>ND</b><br>Total Δ9-THC | <b>49.7 %</b><br>Δ8-THC | <b>85.6 %</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 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            |
| 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  | 2.04        | 20.4          |
| CBNA                | 0.006   | 0.0181  | ND          | ND            |
| CBT                 | 0.018   | 0.054   | ND          | ND            |
| Δ4,8-iso-THC        | 0.0067  | 0.02    | 0.220       | 2.20          |
| Δ8-iso-THC          | 0.0067  | 0.02    | 0.284       | 2.84          |
| Δ8-THC              | 0.0104  | 0.0312  | 49.7        | 497           |
| Δ8-THCV             | 0.0067  | 0.02    | 0.132       | 1.32          |
| 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            |
| exo-THC             | 0.0067  | 0.02    | 0.0972      | 0.972         |
| (6aR,9R,10aR)-HHC   | 0.0067  | 0.02    | 24.3        | 243           |
| (6aR,9S,10aR)-HHC   | 0.0067  | 0.02    | 8.93        | 89.3          |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>85.6</b> | <b>856</b>    |

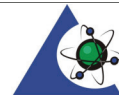


ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



 Generated By: Ryan Bellone  
 CCO  
 Date: 12/19/2023



 Tested By: Scott Caudill  
 Laboratory Manager  
 Date: 12/19/2023

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


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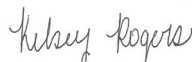
## Heavy Metals by ICP-MS

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

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 Tested By: Kelsey Rogers  
 Scientist  
 Date: 12/15/2023


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## Pesticides by LC-MS/MS

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

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 Tested By: Jasper van Heemst  
 Principal Scientist  
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## Mycotoxins by LC-MS/MS

| Analyte      | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------|
| B1           | 1         | 5         | ND           |
| B2           | 1         | 5         | ND           |
| G1           | 1         | 5         | ND           |
| G2           | 1         | 5         | ND           |
| Ochratoxin A | 1         | 5         | ND           |

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## Residual Solvents by HS-GC-MS

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

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## Reporting Limit Appendix

### Heavy Metals - Colorado CDPHE

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---------|-------------|---------|-------------|
| Arsenic | 1500        | Lead    | 500         |
| Cadmium | 500         | Mercury | 1500        |

### Residual Solvents - USP 467

| Analyte               | Limit (ppm) | Analyte                  | Limit (ppm) |
|-----------------------|-------------|--------------------------|-------------|
| Acetone               | 5000        | Ethylene Oxide           | 1           |
| Acetonitrile          | 410         | Heptane                  | 5000        |
| Benzene               | 2           | n-Hexane                 | 290         |
| Butane                | 5000        | Isobutane                | 5000        |
| 1-Butanol             | 5000        | Isopropyl Acetate        | 5000        |
| 2-Butanol             | 5000        | Isopropyl Alcohol        | 5000        |
| 2-Butanone            | 5000        | Isopropylbenzene         | 5000        |
| Chloroform            | 60          | Methanol                 | 3000        |
| Cyclohexane           | 3880        | 2-Methylbutane           | 290         |
| 1,2-Dichloroethane    | 5           | Methylene Chloride       | 600         |
| 1,2-Dimethoxyethane   | 100         | 2-Methylpentane          | 290         |
| Dimethyl Sulfoxide    | 5000        | 3-Methylpentane          | 290         |
| N,N-Dimethylacetamide | 1090        | n-Pentane                | 5000        |
| 2,2-Dimethylbutane    | 290         | 1-Pentanol               | 5000        |
| 2,3-Dimethylbutane    | 290         | n-Propane                | 5000        |
| N,N-Dimethylformamide | 880         | 1-Propanol               | 5000        |
| 2,2-Dimethylpropane   | 5000        | Pyridine                 | 200         |
| 1,4-Dioxane           | 380         | Tetrahydrofuran          | 720         |
| Ethanol               | 5000        | Toluene                  | 890         |
| 2-Ethoxyethanol       | 160         | Trichloroethylene        | 80          |
| Ethyl Acetate         | 5000        | Xylenes (o-, m-, and p-) | 2170        |
| Ethyl Ether           | 5000        |                          |             |
| Ethylbenzene          | 70          |                          |             |

### Pesticides - CA DCC

| Analyte              | Limit (ppb) | Analyte            | Limit (ppb) |
|----------------------|-------------|--------------------|-------------|
| Carbofuran           | 30          | Myclobutanil       | 9000        |
| Chloranthraniliprole | 40000       | Naled              | 500         |
| Chlorfenapyr         | 30          | Oxamyl             | 200         |
| Clofentezine         | 500         | Pacllobutrazol     | 30          |
| Coumaphos            | 30          | Permethrin         | 20000       |
| Cypermethrin         | 1000        | Phosmet            | 200         |
| Daminozide           | 30          | Piperonyl Butoxide | 8000        |
| Diazinon             | 200         | Prallethrin        | 400         |
| Dichlorvos           | 30          | Propiconazole      | 20000       |
| Dimethoate           | 30          | Propoxur           | 30          |
| Dimethomorph         | 20000       | Pyrethrins         | 1000        |
| Ethoprophos          | 30          | Pyridaben          | 3000        |
| Etofenprox           | 30          | Spinetoram         | 3000        |
| Etozazole            | 1500        | Spinosad           | 3000        |
| Fenhexamid           | 10000       | Spiromesifen       | 12000       |
| Fenoxycarb           | 30          | Spirotetramat      | 13000       |
| Fenpyroximate        | 2000        | Spiroxamine        | 30          |
| Fipronil             | 30          | Tebuconazole       | 2000        |
| Fonicamid            | 2000        | Thiacloprid        | 30          |
| Fludioxonil          | 30000       | Thiamethoxam       | 4500        |

### Mycotoxins - Colorado CDPHE

| Analyte      | Limit (ppm) | Analyte | Limit (ppm) |
|--------------|-------------|---------|-------------|
| B1           | 5           | B2      | 5           |
| G1           | 5           | G2      | 5           |
| Ochratoxin A | 5           |         |             |

### Pesticides - CA DCC

| Analyte      | Limit (ppb) | Analyte         | Limit (ppb) |
|--------------|-------------|-----------------|-------------|
| Abamectin    | 300         | Hexythiazox     | 2000        |
| Acephate     | 5000        | Imazalil        | 30          |
| Acetamiprid  | 5000        | Imidacloprid    | 3000        |
| Aldicarb     | 30          | Kresoxim methyl | 1000        |
| Azoxystrobin | 40000       | Malathion       | 5000        |
| Bifenazate   | 5000        | Metalaxyl       | 15000       |
| Bifenthrin   | 500         | Methiocarb      | 30          |
| Boscalid     | 10000       | Methomyl        | 100         |
| Carbaryl     | 500         | Mevinphos       | 30          |

