

1 of 6

### ECS-BO-S31A2401

Sample ID: SA-240209-34770

Batch: 2/9/24

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 5.78913 Received: 02/14/2024 Completed: 02/29/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA



Summary

Test
Cannabinoids
Heavy Metals
Microbials
Mycotoxins
Pesticides

**Residual Solvents** 

Date Tested 02/29/2024 02/21/2024 02/16/2024 02/22/2024 02/22/2024 02/21/2024 Tested Tested Tested Tested Tested Tested

**0.186 %**Total Δ9-THC

**0.186 %** Δ9-THC 0.224 %

Total Cannabinoids

Not Tested

Moisture Content

**Not Tested** 

Foreign Matter

Yes

Internal Standard Normalization

Cannabinoids by HPLC-PDA and/or GC-MS/MS

| Analyte      | LOD<br>(%) | LOQ<br>(%) | Result (%)                                      | Result<br>(mg/unit) |
|--------------|------------|------------|---|---------------------|
| CBC          | 0.00095    | 0.00284    | ND  | ND                  |
| CBCV         | 0.0006     | 0.0018     | ND  | ND                  |
| CBD          | 0.00081    | 0.00242    | 0.0286  | 1.66                |
| CBDP         | 0.00067    | 0.002      | ND  | ND                  |
| CBDV         | 0.00061    | 0.00182    | ND  | ND                  |
| CBG          | 0.00057    | 0.00172    | ND  | ND                  |
| CBL          | 0.00112    | 0.00335    | ND  | ND                  |
| CBN          | 0.00056    | 0.00169    | <loq< td=""><td><loq< td=""></loq<></td></loq<> | <loq< td=""></loq<> |
| CBT          | 0.0018     | 0.0054     | ND  | ND                  |
| Δ4,8-iso-THC | 0.00067    | 0.002      | ND  | ND                  |
| Δ8-iso-THC   | 0.00067    | 0.002      | 0.00272   | 0.157               |
| Δ8-ΤΗС       | 0.00104    | 0.00312    | 0.00610   | 0.353               |
| Δ8-ΤΗCΒ      | 0.00067    | 0.002      | ND  | ND                  |
| Δ8-THC-C8    | 0.00067    | 0.002      | ND  | ND                  |
| Δ8-ΤΗCΗ      | 0.00067    | 0.002      | ND  | ND                  |
| Δ8-ΤΗСΡ      | 0.00067    | 0.002      | ND  | ND                  |
| Δ9-ΤΗС       | 0.00076    | 0.00227    | 0.186   | 10.8                |
| Δ9-ΤΗСΒ      | 0.00067    | 0.002      | ND  | ND                  |
| Δ9-THC-C8    | 0.00067    | 0.002      | ND  | ND                  |
| Δ9-ΤΗCΗ      | 0.00067    | 0.002      | ND  | ND                  |
| Δ9-ΤΗСΡ      | 0.00067    | 0.002      | ND  | ND                  |
| Δ9-ΤΗCV      | 0.00069    | 0.00206    | ND  | ND                  |
| 9S-H4-CBD    | 0.00067    | 0.002      | ND  | ND                  |
| 9R-HHCP      | 0.00067    | 0.002      | ND  | ND                  |
| 9S-HHCP      | 0.00067    | 0.002      | ND  | ND                  |
| Total Δ9-THC |            |            | 0.186   | 10.8                |
| Total        |            |            | 0.224   | 12.9                |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THC +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD; Delta = CBDA \* 0.877 + CBDA

Generated By: Ryan Bellone CCO

Date: 02/29/2024

Tested By: Scott Caudill Laboratory Manager Date: 02/29/2024

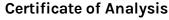




ISO/IEC 17025:2017 Accredited
Accreditation #108651



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### ECS-BO-S31A2401

Unit Mass (g): 5.78913

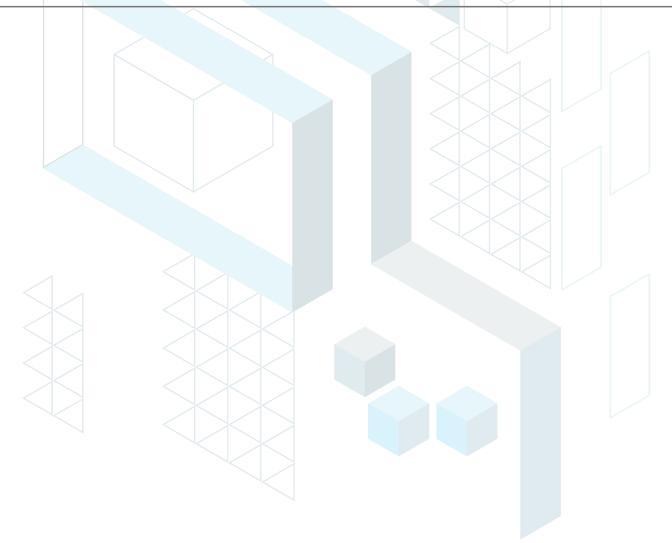
Sample ID: SA-240209-34770 Batch: 2/9/24 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 02/14/2024 Completed: 02/29/2024 Client Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

# **Heavy Metals by ICP-MS**

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---------|-----------|-----------|--------------|
| Arsenic | 0.002     | 0.02      | ND           |
| Cadmium | 0.001     | 0.02      | ND           |
| Lead    | 0.002     | 0.02      | 0.0270       |
| Mercury | 0.012     | 0.05      | ND           |
|         |           |           |              |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone CCO Date: 02/29/2024

Tested By: Annie Velazquez Laboratory Technician Date: 02/21/2024







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### ECS-BO-S31A2401

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Batch: 2/9/24

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# Pesticides by LC-MS/MS

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

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Generated By: Ryan Bellone CCO

Date: 02/29/2024

Tested By: Anthony Mattingly Scientist Date: 02/22/2024





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ECS-BO-S31A2401

Sample ID: SA-240209-34770 Batch: 2/9/24

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 5.78913

Received: 02/14/2024 Completed: 02/29/2024 Client

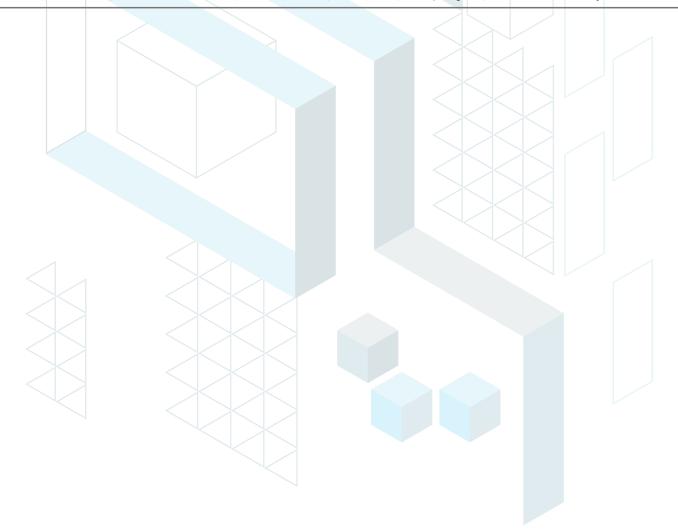
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USA

### 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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Generated By: Ryan Bellone CCO Date: 02/29/2024

Tested By: Anthony Mattingly Scientist Date: 02/22/2024







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### ECS-BO-S31A2401

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Batch: 2/9/24

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Matrix: Edible - Gummy Unit Mass (g): 5.78913 Received: 02/14/2024 Completed: 02/29/2024 Client

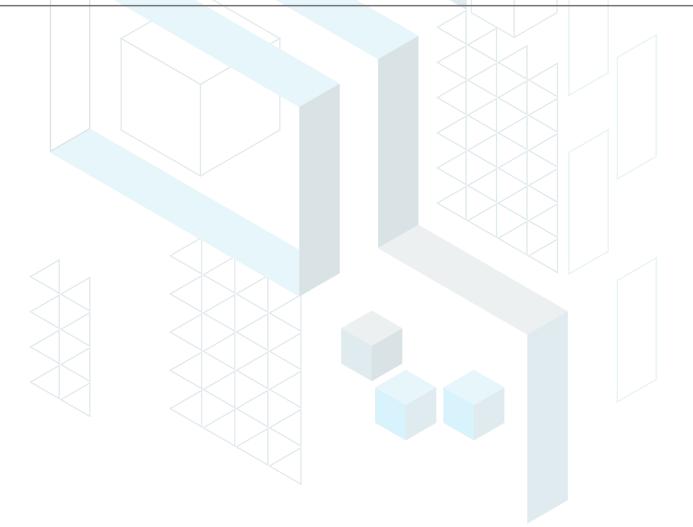
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USA

## Microbials by PCR and Plating

| Analyte                              | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative)    |
|--------------------------------------|-------------|----------------|-------------------------|
| Total aerobic count                  | 10          | 10.0           |                         |
| Total coliforms                      | 10          | ND             |                         |
| Generic E. coli                      | 10          | ND             |                         |
| Salmonella spp.                      | 1           |                | Not Detected per 1 gram |
| Shiga-toxin producing E. coli (STEC) | 1           |                | Not Detected per 1 gram |
|                                      |             |                |                         |

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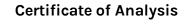
Generated By: Ryan Bellone CCO

Date: 02/29/2024

Tested By: Mario Aguirre Lab Technician Date: 02/16/2024



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### ECS-BO-S31A2401

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### Residual Solvents by HS-GC-MS

| Analyte               | LOD   | LOQ   | Result | Analyte                  | LOD   | LOQ   | Result |
|-----------------------|-------|-------|--------|--------------------------|-------|-------|--------|
|                       | (ppm) | (ppm) | (ppm)  | Fil I O I I              | (ppm) | (ppm) | (ppm)  |
| Acetone               | 167   | 500   | ND     | Ethylene Oxide           | 0.5   | ı     | 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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Generated By: Ryan Bellone CCO Date: 02/29/2024

Tested By: Kelsey Rogers Scientist Date: 02/21/2024



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