

## Halo Infusions and Extractions

License#: 00000026DCOM00244803  
4585 S Palo Verde Rd Ste. 405  
Tucson, AZ 85714  
520-349-9755

Additional Licenses:  
Batch #: 013122-IRDS; External Lot #: I-11/21  
Sample Batch Collection: 03/10/22 16:43; Sample Batch Collected By: Halo Infusions and E  
Sample Received: 3/11/2022; Report Created: 3/21/2022

013122-IRDS

Laboratory Number: 2203073-01  
Ingestible

|                                 |                                 |  |                             |                           |                                  |                                    |
|---------------------------------|---------------------------------|--|-----------------------------|---------------------------|----------------------------------|------------------------------------|
| <b>Herbicides</b><br>Not Tested | <b>Pesticides</b><br>Not Tested | <b>Residual Solvents</b><br>Not Tested | <b>Metals</b><br>Not Tested | <b>Mycotoxins</b><br>PASS | <b>Aspergillus</b><br>Not Tested | <b>E. Coli/ Salmonella</b><br>PASS |
|---------------------------------|---------------------------------|--|-----------------------------|---------------------------|----------------------------------|------------------------------------|

Sample Image



Residual Solvents (GCMS-MS) Analyzed: By:

| Analyte           | RL | ppm | Q |
|-------------------|----|-----|---|
| Propane           | NT | NT  |   |
| Butanes           | NT | NT  |   |
| Pentanes          | NT | NT  |   |
| Acetonitrile      | NT | NT  |   |
| Dichloromethane   | NT | NT  |   |
| Hexanes           | NT | NT  |   |
| Chloroform        | NT | NT  |   |
| n-Heptane         | NT | NT  |   |
| Methanol          | NT | NT  |   |
| Ethanol           | NT | NT  |   |
| Diethyl Ether     | NT | NT  |   |
| Acetone           | NT | NT  |   |
| Isopropanol       | NT | NT  |   |
| Ethyl acetate     | NT | NT  |   |
| Isopropyl acetate | NT | NT  |   |
| Benzene           | NT | NT  |   |
| Toluene           | NT | NT  |   |
| Xylenes           | NT | NT  |   |

Cannabinoid (HPLC) Analyzed: 03/16/22 By: JVR

| Analyte     | LOQ %  | %      | mg/g  | Q  |
|-------------|--------|--------|-------|----|
| THC-A       | 0.0004 | 0.001  | 0.010 |    |
| delta 9-THC | 0.004  | 0.07   | 0.700 | D1 |
| delta 8-THC | 0.0004 | ND     | ND    |    |
| THC-V       | 0.0004 | 0.0006 | 0.006 |    |
| CBG-A       | 0.0004 | ND     | ND    |    |
| CBD-A       | 0.0004 | ND     | ND    |    |
| CBD         | 0.0004 | 0.0006 | 0.006 |    |
| CBD-V       | 0.0004 | ND     | ND    |    |
| CBN         | 0.0004 | 0.0006 | 0.006 |    |
| CBG         | 0.0004 | 0.004  | 0.040 |    |
| CBC         | 0.0004 | 0.0009 | 0.009 |    |

Metals (ICP-MS) Analyzed: By:

| Element | RL | ppm | Q |
|---------|----|-----|---|
| Arsenic | NT | NT  |   |
| Cadmium | NT | NT  |   |
| Lead    | NT | NT  |   |
| Mercury | NT | NT  |   |

Regulated Microbials (Petrifilm) Analyzed: 3/17/2022 By: AF

| Pathogens | RL | Result | Units | Q |
|-----------|----|--------|-------|---|
| E. coli   | 10 | <10    | cfu/g |   |

Regulated Microbials (PCR) Analyzed: By:

| Pathogens   | RL | Result | Units    | Q |
|-------------|----|--------|----------|---|
| Aspergillus | NT | NT     | per gram |   |

Regulated Microbials (PCR) Analyzed: 3/17/2022 By: MLC

| Pathogens  | RL   | Result | Units    | Q |
|------------|------|--------|----------|---|
| Salmonella | 1.00 | Absent | per gram |   |

|   |   |  |
|---|---|--|
| 0.07 %<br>0.71 mg/g<br><b>Total THC</b> | 0.00 %<br>0.01 mg/g<br><b>Total CBD</b> | 0.08 %<br>0.78 mg/g<br><b>Total Cannabinoids</b> |
|---|---|--|

Total THC = THCa \* 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA \* 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 03/17/22 By: EGP

| Pathogens   | RL   | ppb | Q  |
|-------------|------|-----|----|
| Aflatoxins  | 1.05 | ND  | V1 |
| Ochratoxins | 2.10 | ND  |    |

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Erin Polly  
Technical Laboratory Director

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| Pesticides (LC-MS TQ) Analyzed: By: |    |     |   |                   |    |     |   |
|-------------------------------------|----|-----|---|-------------------|----|-----|---|
| Analyte                             | RL | ppm | Q | Analyte           | RL | ppm | Q |
| Acephate                            | NT | NT  |   | Acequinocyl       | NT | NT  |   |
| Acetamiprid                         | NT | NT  |   | Aldicarb          | NT | NT  |   |
| Azoxystrobin                        | NT | NT  |   | Bifenthrin        | NT | NT  |   |
| Boscalid                            | NT | NT  |   | Carbaryl          | NT | NT  |   |
| Carbofuran                          | NT | NT  |   | Chlorpyrifos      | NT | NT  |   |
| Diazinon                            | NT | NT  |   | Dimethoate        | NT | NT  |   |
| Ethoprophos                         | NT | NT  |   | Etofenprox        | NT | NT  |   |
| Etoxazole                           | NT | NT  |   | Fenoxycarb        | NT | NT  |   |
| Fenpyroximate E                     | NT | NT  |   | Flonicamid        | NT | NT  |   |
| Fludioxonil                         | NT | NT  |   | Hexythiazox       | NT | NT  |   |
| Imazalil                            | NT | NT  |   | Imidacloprid      | NT | NT  |   |
| Kresoxim-methyl                     | NT | NT  |   | Malathion         | NT | NT  |   |
| Metalaxyl                           | NT | NT  |   | Methiocarb        | NT | NT  |   |
| Methomyl                            | NT | NT  |   | Myclobutanil      | NT | NT  |   |
| Naled                               | NT | NT  |   | Oxamyl            | NT | NT  |   |
| Piperonyl butoxide                  | NT | NT  |   | Propiconazole     | NT | NT  |   |
| Propoxure                           | NT | NT  |   | Spiromesifen      | NT | NT  |   |
| Spirotetramat                       | NT | NT  |   | Spiroxamine       | NT | NT  |   |
| Tebuconazole                        | NT | NT  |   | Thiacloprid       | NT | NT  |   |
| Thiamethoxam                        | NT | NT  |   | Trifloxystrobin   | NT | NT  |   |
| Abamectin                           | NT | NT  |   | Bifenazate        | NT | NT  |   |
| Chlorantraniliprole                 | NT | NT  |   | Clofentezine      | NT | NT  |   |
| Cyfluthrin                          | NT | NT  |   | Cypermethrin      | NT | NT  |   |
| Daminozide                          | NT | NT  |   | DDVP (Dichlorvos) | NT | NT  |   |
| Fipronil                            | NT | NT  |   | Paclobutrazol     | NT | NT  |   |
| Permethrins                         | NT | NT  |   | Phosmet           | NT | NT  |   |
| Prallethrin                         | NT | NT  |   | Pyrethrins        | NT | NT  |   |
| Pyridaben                           | NT | NT  |   | Spinosad          | NT | NT  |   |
| Chlorfenapyr                        | NT | NT  |   |                   |    |     |   |

| Herbicides (LC-MS TQ) Analyzed: By: |    |     |   |
|-------------------------------------|----|-----|---|
| Analyte                             | RL | ppm | Q |
| Pendimethalin                       | NT | NT  |   |

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

|                  | RL | Result | Units | Q |
|------------------|----|--------|-------|---|
| <b>Pathogens</b> |    |        |       |   |
| Total Coliform   | NT | NT     | cfu/g |   |
| Yeast            | NT | NT     | cfu/g |   |
| Mold             | NT | NT     | cfu/g |   |
| Aerobic Bacteria | NT | NT     | cfu/g |   |
| Enterobacteria   | NT | NT     | cfu/g |   |

Terpenes (GCMS-MS) Analyzed: By:

|                             | mg/g | %  | Q |
|-----------------------------|------|----|---|
| <b>Compound</b>             |      |    |   |
| alpha-Bisabolol             | NT   | NT |   |
| (-)-Borneol and (+)-Borneol | NT   | NT |   |
| Camphene                    | NT   | NT |   |
| Camphor                     | NT   | NT |   |
| beta-Caryophyllene          | NT   | NT |   |
| trans-Caryophyllene         | NT   | NT |   |
| Caryophyllene Oxide         | NT   | NT |   |
| alpha-Cedrene               | NT   | NT |   |
| Cedrol                      | NT   | NT |   |
| Endo-fenchyl Alcohol        | NT   | NT |   |
| Eucalyptol                  | NT   | NT |   |
| Fenchone                    | NT   | NT |   |
| Geraniol                    | NT   | NT |   |
| Geranyl acetate             | NT   | NT |   |
| Guaiol                      | NT   | NT |   |
| Hexahydrothymol             | NT   | NT |   |
| alpha-Humulene              | NT   | NT |   |
| Isoborneol                  | NT   | NT |   |
| Isopulegol                  | NT   | NT |   |
| Limonene                    | NT   | NT |   |
| Linalool                    | NT   | NT |   |
| p-Mentha-1,5-diene          | NT   | NT |   |
| beta-Myrcene                | NT   | NT |   |
| trans-Nerolidol             | NT   | NT |   |
| Ocimene                     | NT   | NT |   |
| alpha-Pinene                | NT   | NT |   |
| beta-Pinene                 | NT   | NT |   |
| Pulegone                    | NT   | NT |   |
| Sabinene                    | NT   | NT |   |
| Sabinene Hydrate            | NT   | NT |   |
| gamma-Terpinene             | NT   | NT |   |
| alpha-Terpinene             | NT   | NT |   |
| 3-Carene                    | NT   | NT |   |
| Terpineol                   | NT   | NT |   |
| Terpinolene                 | NT   | NT |   |
| Valencene                   | NT   | NT |   |
| Nerol                       | NT   | NT |   |
| cis-Nerolidol               | NT   | NT |   |
| <b>Total Terpenes</b>       | NT   | NT |   |

Water Activity (Moisture Reactor) Analyzed: By:

|                 | AW | Q |
|-----------------|----|---|
| <b>Compound</b> |    |   |
| Water Activity  | NT |   |

Moisture (Drying Oven) Analyzed: By:

|                  | %  | Q |
|------------------|----|---|
| <b>Compound</b>  |    |   |
| Percent Moisture | NT |   |

pH Test (HannHI11310) Analyzed: By:

|                 | NA | Q |
|-----------------|----|---|
| <b>Compound</b> |    |   |
| pH              | NT |   |

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# Certificate of Analysis

00000003LCIN00627986

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### QUALIFIER DEFINITIONS AND CASE NARRATIVE

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- V1 Continuing Calibration Verification (CCV) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

Terpene analysis not regulated by Arizona Department of Health .

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements , and the reason for the variance will be described in the Work Order memo.

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