

## Yellow Zushi Infused Preroll Material

Sample ID: 2503APO1241.6741  
Strain: Yellow Zushi  
Matrix: Plant  
Type: Enhanced/Infused Preroll  
Source Batch #:

Produced:  
Collected: 03/21/2025 09:00 am  
Received: 03/21/2025  
Completed: 04/17/2025  
Batch #: VORTEX-IP-0320-YZ  
Harvest Date: 11/12/2024

Client  
**Io Extracts**  
Lic. # 00000067ESBS89254298

Lot #: VORTEX-IP-0320-YZ  
Production/Manufacture Date: 03/20/2025  
Production/Manufacture Method: Indoor

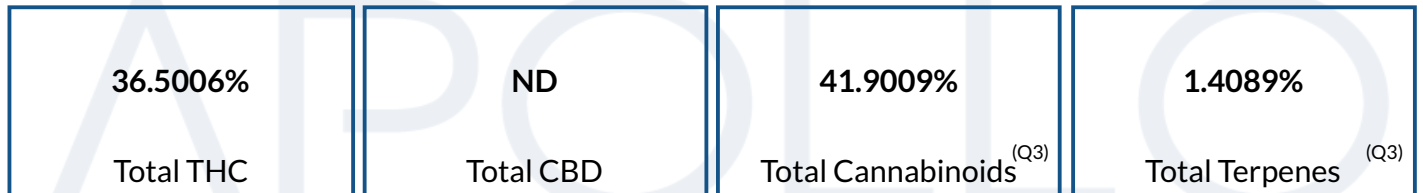


### Summary

| Test         | Date Tested | Result   |
|--------------|-------------|----------|
| Batch        |             | Pass     |
| Cannabinoids | 03/24/2025  | Complete |
| Terpenes     | 03/25/2025  | Complete |
| Microbials   | 03/24/2025  | Pass     |
| Pesticides   | 03/24/2025  | Pass     |
| Heavy Metals | 03/24/2025  | Pass     |

### Cannabinoids by SOP-6

Complete



| Analyte          | LOD | LOQ    | Result         | Result          | Q |
|------------------|-----|--------|----------------|-----------------|---|
|                  | %   | %      | %              | mg/g            |   |
| THCa             |     | 0.1000 | 37.8738        | 378.738         |   |
| Δ9-THC           |     | 0.1000 | 3.2853         | 32.853          |   |
| Δ8-THC           |     | 0.1000 | ND             | ND              |   |
| THCV             |     | 0.1000 | ND             | ND              |   |
| CBDa             |     | 0.1000 | ND             | ND              |   |
| CBD              |     | 0.1000 | ND             | ND              |   |
| CBDVa            |     | 0.1000 | ND             | ND              |   |
| CBDV             |     | 0.1000 | ND             | ND              |   |
| CBN              |     | 0.1000 | ND             | ND              |   |
| CBGa             |     | 0.1000 | 0.6317         | 6.317           |   |
| CBG              |     | 0.1000 | 0.1101         | 1.101           |   |
| CBC              |     | 0.1000 | ND             | ND              |   |
| <b>Total THC</b> |     |        | <b>36.5006</b> | <b>365.0060</b> |   |
| <b>Total CBD</b> |     |        | <b>ND</b>      | <b>ND</b>       |   |
| <b>Total</b>     |     |        | <b>41.9009</b> | <b>419.009</b>  |   |

Date Tested: 03/24/2025 07:00 am



*Anthony Settanni*  
Anthony Settanni  
Lab Director  
04/17/2025

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Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child;

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### Pesticides by SOP-22

Pass

| Analyte             | LOQ    | Limit  | Result | Q | Status | Analyte         | LOQ    | Limit  | Result | Q | Status |
|---------------------|--------|--------|--------|---|--------|-----------------|--------|--------|--------|---|--------|
|                     | PPM    | PPM    | PPM    |   |        |                 | PPM    | PPM    | PPM    |   |        |
| Abamectin           | 0.2500 | 0.5000 | ND     |   | Pass   | Hexythiazox     | 0.5000 | 1.0000 | ND     |   | Pass   |
| Acephate            | 0.2000 | 0.4000 | ND     |   | Pass   | Imazalil        | 0.1000 | 0.2000 | ND     |   | Pass   |
| Acetamiprid         | 0.1000 | 0.2000 | ND     |   | Pass   | Imidacloprid    | 0.2000 | 0.4000 | ND     |   | Pass   |
| Aldicarb            | 0.2000 | 0.4000 | ND     |   | Pass   | Kresoxim Methyl | 0.2000 | 0.4000 | ND     |   | Pass   |
| Azoxystrobin        | 0.1000 | 0.2000 | ND     |   | Pass   | Malathion       | 0.1000 | 0.2000 | ND     |   | Pass   |
| Bifenazate          | 0.1000 | 0.2000 | ND     |   | Pass   | Metalaxyl       | 0.1000 | 0.2000 | ND     |   | Pass   |
| Bifenthrin          | 0.1000 | 0.2000 | ND     |   | Pass   | Methiocarb      | 0.1000 | 0.2000 | ND     |   | Pass   |
| Boscalid            | 0.2000 | 0.4000 | ND     |   | Pass   | Methomyl        | 0.2000 | 0.4000 | ND     |   | Pass   |
| Carbaryl            | 0.1000 | 0.2000 | ND     |   | Pass   | Myclobutanil    | 0.1000 | 0.2000 | ND     |   | Pass   |
| Carbofuran          | 0.1000 | 0.2000 | ND     |   | Pass   | Naled           | 0.2500 | 0.5000 | ND     |   | Pass   |
| Chlorantraniliprole | 0.1000 | 0.2000 | ND     |   | Pass   | Oxamyl          | 0.5000 | 1.0000 | ND     |   | Pass   |
| Chlorfenapyr        | 0.5000 | 1.0000 | ND     |   | Pass   | Paclbutrazol    | 0.2000 | 0.4000 | ND     |   | Pass   |
| Chlorpyrifos        | 0.1000 | 0.2000 | ND     |   | Pass   | Permethrins     | 0.1000 | 0.2000 | ND     |   | Pass   |
| Clofentezine        | 0.1000 | 0.2000 | ND     |   | Pass   | Phosmet         | 0.1000 | 0.2000 | ND     |   | Pass   |
| Cyfluthrin          | 0.5000 | 1.0000 | ND     |   | Pass   | Piperonyl       | 1.0000 | 2.0000 | ND     |   | Pass   |
| Cypermethrin        | 0.5000 | 1.0000 | ND     |   | Pass   | Butoxide        | 0.1000 | 0.2000 | ND     |   | Pass   |
| Daminozide          | 0.5000 | 1.0000 | ND     |   | Pass   | Prallethrin     | 0.1000 | 0.2000 | ND     |   | Pass   |
| Diazinon            | 0.1000 | 0.2000 | ND     |   | Pass   | Propiconazole   | 0.2000 | 0.4000 | ND     |   | Pass   |
| Dichlorvos          | 0.0500 | 0.1000 | ND     |   | Pass   | Propoxur        | 0.1000 | 0.2000 | ND     |   | Pass   |
| Dimethoate          | 0.1000 | 0.2000 | ND     |   | Pass   | Pyrethrins      | 0.5000 | 1.0000 | ND     |   | Pass   |
| Ethoprophos         | 0.1000 | 0.2000 | ND     |   | Pass   | Pyridaben       | 0.1000 | 0.2000 | ND     |   | Pass   |
| Etofenprox          | 0.2000 | 0.4000 | ND     |   | Pass   | Spinosad        | 0.1000 | 0.2000 | ND     |   | Pass   |
| Etoxazole           | 0.1000 | 0.2000 | ND     |   | Pass   | Spiromesifen    | 0.1000 | 0.2000 | ND     |   | Pass   |
| Fenoxycarb          | 0.1000 | 0.2000 | ND     |   | Pass   | Spirotetramat   | 0.1000 | 0.2000 | ND     |   | Pass   |
| Fenpyroximate       | 0.2000 | 0.4000 | ND     |   | Pass   | Spiroxamine     | 0.2000 | 0.4000 | ND     |   | Pass   |
| Fipronil            | 0.2000 | 0.4000 | ND     |   | Pass   | Tebuconazole    | 0.2000 | 0.4000 | ND     |   | Pass   |
| Flonicamid          | 0.5000 | 1.0000 | ND     |   | Pass   | Thiacloprid     | 0.1000 | 0.2000 | ND     |   | Pass   |
| Fludioxonil         | 0.2000 | 0.4000 | ND     |   | Pass   | Thiamethoxam    | 0.1000 | 0.2000 | ND     |   | Pass   |
|                     |        |        |        |   |        | Trifloxystrobin | 0.1000 | 0.2000 | ND     |   | Pass   |

Date Tested: 03/24/2025 07:00 am



*Anthony Settanni*

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Lab Director  
04/17/2025

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### Microbials

Pass

| Analyte   | Limit                       | Result | Status | Q |
|---|-----------------------------|--------|--------|---|
| Salmonella SPP by QPCR: SOP-15  | Detected/Not Detected in 1g | ND     | Pass   |   |
| Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14 | Detected/Not Detected in 1g | ND     | Pass   |   |
| Aspergillus Terreus by QPCR: SOP-14   | Detected/Not Detected in 1g | ND     | Pass   |   |

| Analyte                                | LOQ           | Limit          | Result              | Status | Q |
|--|---------------|----------------|---------------------|--------|---|
| E. Coli by traditional plating: SOP-13 | CFU/g<br>10.0 | CFU/g<br>100.0 | CFU/g<br>< 10 CFU/g | Pass   |   |

Date Tested: 03/24/2025 12:00 am

### Mycotoxins by SOP-22

Not Tested

| Analyte | LOD | LOQ | Limit | Units | Status | Q |
|---------|-----|-----|-------|-------|--------|---|
|---------|-----|-----|-------|-------|--------|---|

Date Tested:

### Heavy Metals by SOP-21

Pass

| Analyte | LOD    | LOQ    | Limit  | Units | Status | Q |
|---------|--------|--------|--------|-------|--------|---|
|         | PPM    | PPM    | PPM    | PPM   |        |   |
| Arsenic | 0.1000 | 0.1330 | 0.4000 | ND    | Pass   |   |
| Cadmium | 0.1000 | 0.1330 | 0.4000 | ND    | Pass   |   |
| Lead    | 0.2500 | 0.3330 | 1.0000 | ND    | Pass   |   |
| Mercury | 0.0500 | 0.0660 | 0.2000 | ND    | Pass   |   |

Date Tested: 03/24/2025 07:00 am



*Anthony Settanni*

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Lab Director  
04/17/2025

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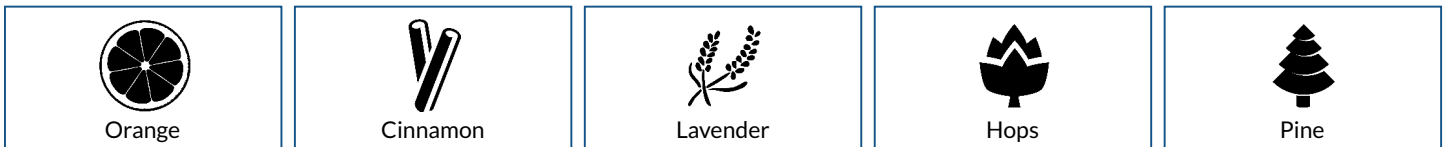
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Production/Manufacture Method: Indoor

### Terpenes

| Analyte              | LOQ    | Result | Result | Q  | Analyte           | LOQ          | Result        | Result        | Q  |
|----------------------|--------|--------|--------|----|-------------------|--------------|---------------|---------------|----|
|                      | %      | %      | mg/g   |    |                   | %            | %             | mg/g          |    |
| D,L-Limonene         | 0.0010 | 0.4514 | 4.514  | Q3 | Citronellol       | 0.0010       | ND            | ND            | Q3 |
| β-Caryophyllene      | 0.0010 | 0.2931 | 2.931  | Q3 | Eucalyptol        | 0.0010       | ND            | ND            | Q3 |
| Linalool             | 0.0010 | 0.2296 | 2.296  | Q3 | Fenchone          | 0.0010       | ND            | ND            | Q3 |
| α-Humulene           | 0.0010 | 0.1150 | 1.150  | Q3 | γ-Terpinene       | 0.0010       | ND            | ND            | Q3 |
| β-Pinene             | 0.0010 | 0.0740 | 0.740  | Q3 | Geraniol          | 0.0010       | ND            | ND            | Q3 |
| β-Myrcene            | 0.0010 | 0.0678 | 0.678  | Q3 | Geranyl Acetate   | 0.0010       | ND            | ND            | Q3 |
| α-Terpineol          | 0.0010 | 0.0514 | 0.514  | Q3 | Guaiol            | 0.0010       | ND            | ND            | Q3 |
| α-Pinene             | 0.0010 | 0.0442 | 0.442  | Q3 | Isoborneol        | 0.0010       | ND            | ND            | Q3 |
| Endo-Fenchyl Alcohol | 0.0010 | 0.0377 | 0.377  | Q3 | Isobornyl Acetate | 0.0010       | ND            | ND            | Q3 |
| trans-beta-Ocimene   | 0.0010 | 0.0210 | 0.210  | Q3 | Isopulegol        | 0.0010       | ND            | ND            | Q3 |
| trans-Nerolidol      | 0.0010 | 0.0132 | 0.132  | Q3 | m-Cymene          | 0.0010       | ND            | ND            | Q3 |
| Camphene             | 0.0010 | 0.0106 | 0.106  | Q3 | Menthol           | 0.0010       | ND            | ND            | Q3 |
| 3-Carene             | 0.0010 | ND     | ND     | Q3 | L-Menthone        | 0.0010       | ND            | ND            | Q3 |
| α-Bisabolol          | 0.0010 | ND     | ND     | Q3 | Nerol             | 0.0010       | ND            | ND            | Q3 |
| α-Cedrene            | 0.0010 | ND     | ND     | Q3 | Nootkatone        | 0.0010       | ND            | ND            | Q3 |
| α-Phellandrene       | 0.0010 | ND     | ND     | Q3 | o,p-Cymene        | 0.0010       | ND            | ND            | Q3 |
| α-Terpinene          | 0.0010 | ND     | ND     | Q3 | Octyl Acetate     | 0.0010       | ND            | ND            | Q3 |
| α-Thujone            | 0.0010 | ND     | ND     | Q3 | Phytane           | 0.0010       | ND            | ND            | Q3 |
| trans-β-Farnesene    | 0.0010 | ND     | ND     | Q3 | Piperitone        | 0.0010       | ND            | ND            | Q3 |
| D,L-Borneol          | 0.0010 | <LOQ   | <LOQ   | Q3 | Pulegone          | 0.0010       | ND            | ND            | Q3 |
| Camphor              | 0.0010 | ND     | ND     | Q3 | Sabinene          | 0.0010       | ND            | ND            | Q3 |
| Carvacrol            | 0.0010 | ND     | ND     | Q3 | Sabinene Hydrate  | 0.0010       | ND            | ND            | Q3 |
| Carvone              | 0.0010 | ND     | ND     | Q3 | Safranal          | 0.0010       | ND            | ND            | Q3 |
| Caryophyllene Oxide  | 0.0010 | ND     | ND     | Q3 | Terpinen-4-ol     | 0.0010       | ND            | ND            | Q3 |
| Cedrol               | 0.0010 | ND     | ND     | Q3 | Terpinolene       | 0.0010       | ND            | ND            | Q3 |
| cis-Citral           | 0.0010 | ND     | ND     | Q3 | Thymol            | 0.0010       | ND            | ND            | Q3 |
| cis-Farnesol         | 0.0010 | ND     | ND     | Q3 | trans-Citral      | 0.0010       | ND            | ND            | Q3 |
| cis-Nerolidol        | 0.0010 | ND     | ND     | Q3 | Valencene         | 0.0010       | ND            | ND            | Q3 |
| cis-beta-Ocimene     | 0.0010 | ND     | ND     | Q3 | Verbenone         | 0.0010       | ND            | ND            | Q3 |
|                      |        |        |        |    |                   | <b>Total</b> | <b>14.089</b> | <b>14.089</b> |    |

### Primary Aromas



Date Tested: 03/25/2025 12:00 am  
Terpenes analysis is not regulated by AZDHS.



*Anthony Settanni*  
Anthony Settanni  
Lab Director  
04/17/2025

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## Qualifiers Definitions

| Qualifier Notation | Qualifier Description  |
|--------------------|--|
| I1                 | The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference  |
| L1                 | When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection (K)(2)(c), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample |
| M1                 | The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria  |
| M2                 | The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria   |
| M3                 | The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria  |
| R1                 | The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection (K)(3), but the recovery in subsection (K)(2) was within acceptance criteria  |
| V1                 | The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample  |
| Q2                 | The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices - Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis   |
| Q3                 | Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317   |

## Customer Supplied Information:

Vortex - Other Information

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: E&I Wholesale - M&T Retail Facility 1, LLC (Vortex) (00000101ESZO30906924)

Manufactured by: Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through: Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS00216601)

<https://azcarecheck.azdhs.gov/s/>

**Notes and Addenda:** This sample was infused with Batch IO-0204-THCA-I isolate. Please See additional full panel COA for residual solvents and associated source batch concentrate information found at <https://share.confidentcannabis.com/samples/public/share/c3c4db79-e74d-4e14-89e5-21d2b117cb65>



Bryant Kearl  
Chief Scientific Officer  
04/17/2025

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| Apollo Labs   |  |                     |                                    |   |                   |
|---|--|---------------------|------------------------------------|---|-------------------|
| Change Request Form   |  |                     |                                    |   |                   |
| Client information  |  |                     |                                    |   |                   |
| Person(s) requesting change:  |  |                     | Nicholas Schwartz                  |   |                   |
| FA/LA# of person(s) requesting change:  |  |                     | 1681168FAYK365334106               |   |                   |
| Organization Name/License #:  |  |                     | IO Extracts - 00000067ESBS89254298 |   |                   |
| Date update requested:  |  |                     | 4/17/2025                          |   |                   |
| Initials of Requesting Individual:  |  |                     | NAS                                |   |                   |
| <p>By signing this Change Request Form submitter understands Apollo Labs is not responsible for any compliance related matter caused by the change and that submitter's internal compliance professionals previously determined the change complies with applicable rules and regulations of the Arizona Department of Health Services.</p> |  |                     |                                    |   |                   |
| FOR INTERNAL LABORATORY TRACKING USE ONLY   |  |                     |                                    |   |                   |
| Internal Tracking ID:   |  |                     | 04172025-002                       |   |                   |
| Individual(s) Performing CoA/Testing Request Update:  |  |                     | Darby Deak                         |   |                   |
| Date(s) of change:  |  |                     | 4/17/2025                          |   |                   |
| Change tracking information updated:  |  |                     | Yes                                |   |                   |
| Additional Notes:   |  |                     |                                    |   |                   |
| Change Index  | Accession Number/Confident Cannabis ID | Field to be Changed | Original Value                     | Updated Value   | Reason for Change |
| 1   | 2503APO1241.6740                       | Field)              | Blank                              | This infused preroll material was infused with Batch I  | State Compliance  |
| 2   | 2503APO1241.6741                       | Field)              | Blank                              | This infused preroll material was infused with Batch II | State Compliance  |



04/17/2025

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## IO-0204-THCA-I - THCA Isolate

Sample ID: 2502APO0551.2967  
Strain: Hybrid Blend  
Matrix: Concentrates & Extracts  
Type: Cannabinoid Isolate  
Source Batch #:

Produced:  
Collected: 02/05/2025 08:36 am  
Received: 02/05/2025  
Completed: 02/10/2025  
Batch #: IO-0204-THCA-I  
Harvest Date: 03/14/2024

Client  
**Io Extracts**  
Lic. # 00000067ESBS89254298

Lot #: IO-0204-THCA-I  
Production/Manufacture Date: 02/04/2025  
Production/Manufacture Method: Butane

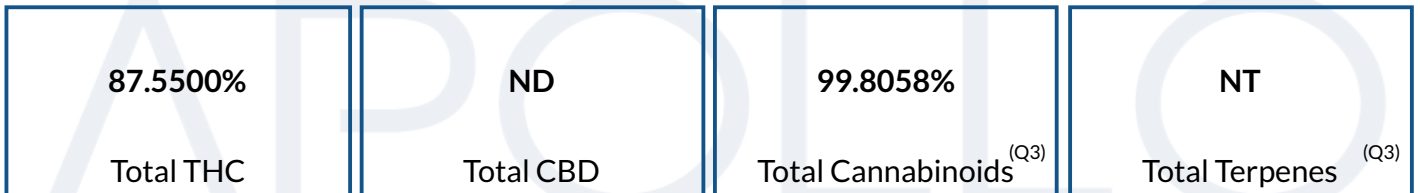


### Summary

| Test              | Date Tested | Result   |
|-------------------|-------------|----------|
| Batch             |             | Pass     |
| Cannabinoids      | 02/07/2025  | Complete |
| Residual Solvents | 02/06/2025  | Pass     |
| Microbials        | 02/10/2025  | Pass     |
| Mycotoxins        | 02/06/2025  | Pass     |
| Pesticides        | 02/06/2025  | Pass     |
| Heavy Metals      | 02/06/2025  | Pass     |

### Cannabinoids by SOP-6

Complete



| Analyte          | LOD<br>% | LOQ<br>% | Result<br>%    | Result<br>mg/g  | Q                                |
|------------------|----------|----------|----------------|-----------------|----------------------------------|
| THCa             |          | 0.1000   | 99.6404        | 996.404         | <div style="width: 100%;"></div> |
| Δ9-THC           |          | 0.1000   | 0.1655         | 1.655           | <div style="width: 10%;"></div>  |
| Δ8-THC           |          | 0.1000   | ND             | ND              |                                  |
| THCV             |          | 0.1000   | ND             | ND              |                                  |
| CBDa             |          | 0.1000   | ND             | ND              |                                  |
| CBD              |          | 0.1000   | ND             | ND              |                                  |
| CBDVa            |          | 0.1000   | ND             | ND              |                                  |
| CBDV             |          | 0.1000   | ND             | ND              |                                  |
| CBN              |          | 0.1000   | ND             | ND              |                                  |
| CBGa             |          | 0.1000   | <LOQ           | <LOQ            |                                  |
| CBG              |          | 0.1000   | ND             | ND              |                                  |
| CBC              |          | 0.1000   | ND             | ND              |                                  |
| <b>Total THC</b> |          |          | <b>87.5500</b> | <b>875.5000</b> |                                  |
| <b>Total CBD</b> |          |          | <b>ND</b>      | <b>ND</b>       |                                  |
| <b>Total</b>     |          |          | <b>99.8058</b> | <b>998.058</b>  |                                  |

Date Tested: 02/07/2025 02:00 pm



*Anthony Settanni*  
Anthony Settanni  
Lab Director  
02/10/2025

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## IO-0204-THCA-I - THCA Isolate

Sample ID: 2502APO551.2967  
Strain: Hybrid Blend  
Matrix: Concentrates & Extracts  
Type: Cannabinoid Isolate  
Source Batch #:

Produced:  
Collected: 02/05/2025 08:36 am  
Received: 02/05/2025  
Completed: 02/10/2025  
Batch #: IO-0204-THCA-I  
Harvest Date: 03/14/2024

Client  
**Io Extracts**  
Lic. # 00000067ESBS89254298

Lot #: IO-0204-THCA-I  
Production/Manufacture Date: 02/04/2025  
Production/Manufacture Method: Butane

### Pesticides by SOP-22

Pass

| Analyte             | LOQ    | Limit  | Result | Q | Status | Analyte         | LOQ    | Limit  | Result | Q | Status |
|---------------------|--------|--------|--------|---|--------|-----------------|--------|--------|--------|---|--------|
|                     | PPM    | PPM    | PPM    |   |        |                 | PPM    | PPM    | PPM    |   |        |
| Abamectin           | 0.2500 | 0.5000 | ND     |   | Pass   | Hexythiazox     | 0.5000 | 1.0000 | ND     |   | Pass   |
| Acephate            | 0.2000 | 0.4000 | ND     |   | Pass   | Imazalil        | 0.1000 | 0.2000 | ND     |   | Pass   |
| Acetamiprid         | 0.1000 | 0.2000 | ND     |   | Pass   | Imidacloprid    | 0.2000 | 0.4000 | ND     |   | Pass   |
| Aldicarb            | 0.2000 | 0.4000 | ND     |   | Pass   | Kresoxim Methyl | 0.2000 | 0.4000 | ND     |   | Pass   |
| Azoxystrobin        | 0.1000 | 0.2000 | ND     |   | Pass   | Malathion       | 0.1000 | 0.2000 | ND     |   | Pass   |
| Bifenazate          | 0.1000 | 0.2000 | ND     |   | Pass   | Metalaxyl       | 0.1000 | 0.2000 | ND     |   | Pass   |
| Bifenthrin          | 0.1000 | 0.2000 | ND     |   | Pass   | Methiocarb      | 0.1000 | 0.2000 | ND     |   | Pass   |
| Boscalid            | 0.2000 | 0.4000 | ND     |   | Pass   | Methomyl        | 0.2000 | 0.4000 | ND     |   | Pass   |
| Carbaryl            | 0.1000 | 0.2000 | ND     |   | Pass   | Myclobutanil    | 0.1000 | 0.2000 | ND     |   | Pass   |
| Carbofuran          | 0.1000 | 0.2000 | ND     |   | Pass   | Naled           | 0.2500 | 0.5000 | ND     |   | Pass   |
| Chlorantraniliprole | 0.1000 | 0.2000 | ND     |   | Pass   | Oxamyl          | 0.5000 | 1.0000 | ND     |   | Pass   |
| Chlorfenapyr        | 0.5000 | 1.0000 | ND     |   | Pass   | Paclbutrazol    | 0.2000 | 0.4000 | ND     |   | Pass   |
| Chlorpyrifos        | 0.1000 | 0.2000 | ND     |   | Pass   | Permethrins     | 0.1000 | 0.2000 | ND     |   | Pass   |
| Clofentezine        | 0.1000 | 0.2000 | ND     |   | Pass   | Phosmet         | 0.1000 | 0.2000 | ND     |   | Pass   |
| Cyfluthrin          | 0.5000 | 1.0000 | ND     |   | Pass   | Piperonyl       | 1.0000 | 2.0000 | ND     |   | Pass   |
| Cypermethrin        | 0.5000 | 1.0000 | ND     |   | Pass   | Butoxide        |        |        |        |   |        |
| Daminozide          | 0.5000 | 1.0000 | ND     |   | Pass   | Prallethrin     | 0.1000 | 0.2000 | ND     |   | Pass   |
| Diazinon            | 0.1000 | 0.2000 | ND     |   | Pass   | Propiconazole   | 0.2000 | 0.4000 | ND     |   | Pass   |
| Dichlorvos          | 0.0500 | 0.1000 | ND     |   | Pass   | Propoxur        | 0.1000 | 0.2000 | ND     |   | Pass   |
| Dimethoate          | 0.1000 | 0.2000 | ND     |   | Pass   | Pyrethrins      | 0.5000 | 1.0000 | ND     |   | Pass   |
| Ethoprophos         | 0.1000 | 0.2000 | ND     |   | Pass   | Pyridaben       | 0.1000 | 0.2000 | ND     |   | Pass   |
| Etofenprox          | 0.2000 | 0.4000 | ND     |   | Pass   | Spinosad        | 0.1000 | 0.2000 | ND     |   | Pass   |
| Etoxazole           | 0.1000 | 0.2000 | ND     |   | Pass   | Spiromesifen    | 0.1000 | 0.2000 | ND     |   | Pass   |
| Fenoxycarb          | 0.1000 | 0.2000 | ND     |   | Pass   | Spirotetramat   | 0.1000 | 0.2000 | ND     |   | Pass   |
| Fenpyroximate       | 0.2000 | 0.4000 | ND     |   | Pass   | Spiroxamine     | 0.2000 | 0.4000 | ND     |   | Pass   |
| Fipronil            | 0.2000 | 0.4000 | ND     |   | Pass   | Tebuconazole    | 0.2000 | 0.4000 | ND     |   | Pass   |
| Flonicamid          | 0.5000 | 1.0000 | ND     |   | Pass   | Thiacloprid     | 0.1000 | 0.2000 | ND     |   | Pass   |
| Fludioxonil         | 0.2000 | 0.4000 | ND     |   | Pass   | Thiamethoxam    | 0.1000 | 0.2000 | ND     |   | Pass   |
|                     |        |        |        |   |        | Trifloxystrobin | 0.1000 | 0.2000 | ND     |   | Pass   |

Date Tested: 02/06/2025 07:00 am



*Anthony Settanni*

Anthony Settanni  
Lab Director  
02/10/2025

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## IO-0204-THCA-I - THCA Isolate

Sample ID: 2502APO0551.2967  
Strain: Hybrid Blend  
Matrix: Concentrates & Extracts  
Type: Cannabinoid Isolate  
Source Batch #:

Produced:  
Collected: 02/05/2025 08:36 am  
Received: 02/05/2025  
Completed: 02/10/2025  
Batch #: IO-0204-THCA-I  
Harvest Date: 03/14/2024

Client  
**Io Extracts**  
Lic. # 00000067ESBS89254298

Lot #: IO-0204-THCA-I  
Production/Manufacture Date: 02/04/2025  
Production/Manufacture Method: Butane

### Microbials

Pass

| Analyte   | Limit                       | Result | Status | Q |
|---|-----------------------------|--------|--------|---|
| Salmonella SPP by QPCR: SOP-15  | Detected/Not Detected in 1g | ND     | Pass   |   |
| Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14 | Detected/Not Detected in 1g | ND     | Pass   |   |
| Aspergillus Terreus by QPCR: SOP-14   | Detected/Not Detected in 1g | ND     | Pass   |   |

| Analyte                                | LOQ           | Limit          | Result              | Status | Q |
|--|---------------|----------------|---------------------|--------|---|
| E. Coli by traditional plating: SOP-13 | CFU/g<br>10.0 | CFU/g<br>100.0 | CFU/g<br>< 10 CFU/g | Pass   |   |

Date Tested: 02/10/2025 12:00 am

### Mycotoxins by SOP-22

Pass

| Analyte          | LOD   | LOQ   | Limit | Units | Status | Q  |
|------------------|-------|-------|-------|-------|--------|----|
|                  | µg/kg | µg/kg | µg/kg | µg/kg |        |    |
| B1               | 5     | 10    | 20    | ND    | Pass   |    |
| B2               | 5     | 10    | 20    | ND    | Pass   |    |
| G1               | 5     | 10    | 20    | ND    | Pass   |    |
| G2               | 5     | 10    | 20    | ND    | Pass   |    |
| Total Aflatoxins | 5     | 10    | 20    | ND    | Pass   |    |
| Ochratoxin A     | 5     | 10    | 20    | ND    | Pass   | R1 |

Date Tested: 02/06/2025 07:00 am

### Heavy Metals by SOP-21

Pass

| Analyte | LOD    | LOQ    | Limit  | Units | Status | Q |
|---------|--------|--------|--------|-------|--------|---|
|         | PPM    | PPM    | PPM    | PPM   |        |   |
| Arsenic | 0.1000 | 0.1330 | 0.4000 | ND    | Pass   |   |
| Cadmium | 0.1000 | 0.1330 | 0.4000 | ND    | Pass   |   |
| Lead    | 0.2500 | 0.3330 | 1.0000 | ND    | Pass   |   |
| Mercury | 0.0500 | 0.0660 | 0.2000 | ND    | Pass   |   |

Date Tested: 02/06/2025 07:00 am



*Anthony Settanni*

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Lab Director  
02/10/2025

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## IO-0204-THCA-I - THCA Isolate

Sample ID: 2502APO0551.2967  
Strain: Hybrid Blend  
Matrix: Concentrates & Extracts  
Type: Cannabinoid Isolate  
Source Batch #:

Produced:  
Collected: 02/05/2025 08:36 am  
Received: 02/05/2025  
Completed: 02/10/2025  
Batch #: IO-0204-THCA-I  
Harvest Date: 03/14/2024

Client  
**Io Extracts**  
Lic. # 00000067ESBS89254298

Lot #: IO-0204-THCA-I  
Production/Manufacture Date: 02/04/2025  
Production/Manufacture Method: Butane

### Residual Solvents by SOP-3

| Analyte                 | LOQ       | Limit     | Result | Status | Q    |
|-------------------------|-----------|-----------|--------|--------|------|
|                         | PPM       | PPM       | PPM    |        | Pass |
| Acetone                 | 381.0000  | 1000.0000 | ND     | Pass   |      |
| Acetonitrile            | 154.0000  | 410.0000  | ND     | Pass   |      |
| Benzene                 | 1.0000    | 2.0000    | ND     | Pass   |      |
| Butanes                 | 1914.0000 | 5000.0000 | ND     | Pass   |      |
| Chloroform              | 24.0000   | 60.0000   | ND     | Pass   |      |
| Dichloromethane         | 231.0000  | 600.0000  | ND     | Pass   |      |
| Ethanol                 | 1910.0000 | 5000.0000 | ND     | Pass   |      |
| Ethyl-Acetate           | 1907.0000 | 5000.0000 | ND     | Pass   |      |
| Ethyl-Ether             | 1901.0000 | 5000.0000 | ND     | Pass   |      |
| n-Heptane               | 1892.0000 | 5000.0000 | ND     | Pass   |      |
| Hexanes                 | 115.0000  | 290.0000  | ND     | Pass   |      |
| Isopropanol             | 1915.0000 | 5000.0000 | ND     | Pass   |      |
| Isopropyl-Acetate       | 1908.0000 | 5000.0000 | ND     | Pass   |      |
| Methanol                | 1141.0000 | 3000.0000 | ND     | Pass   |      |
| Pentane                 | 1923.0000 | 5000.0000 | ND     | Pass   |      |
| Toluene                 | 343.0000  | 890.0000  | ND     | Pass   |      |
| Xylenes + Ethyl Benzene | 841.0000  | 2170.0000 | ND     | Pass   |      |

Date Tested: 02/06/2025 07:00 am



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Lab Director  
02/10/2025

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**IO-0204-THCA-I - THCA Isolate**

Sample ID: 2502APO0551.2967  
Strain: Hybrid Blend  
Matrix: Concentrates & Extracts  
Type: Cannabinoid Isolate  
Source Batch #:

Produced:  
Collected: 02/05/2025 08:36 am  
Received: 02/05/2025  
Completed: 02/10/2025  
Batch #: IO-0204-THCA-I  
Harvest Date: 03/14/2024

Client  
**Io Extracts**  
Lic. # 00000067ESBS89254298

Lot #: IO-0204-THCA-I  
Production/Manufacture Date: 02/04/2025  
Production/Manufacture Method: Butane

**Terpenes**

| Analyte | LOQ | Result | Result | Q | Analyte | LOQ | Result | Result | Q |
|---------|-----|--------|--------|---|---------|-----|--------|--------|---|
|---------|-----|--------|--------|---|---------|-----|--------|--------|---|



**Primary Aromas**

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

Date Tested:



Anthony Settanni  
Lab Director  
02/10/2025

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**IO-0204-THCA-I - THCA Isolate**

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Harvest Date: 03/14/2024

Client  
**Io Extracts**  
Lic. # 00000067ESBS89254298  
  
Lot #: IO-0204-THCA-I  
Production/Manufacture Date: 02/04/2025  
Production/Manufacture Method: Butane

**Qualifiers Definitions**

| Qualifier Notation | Qualifier Description  |
|--------------------|--|
| I1                 | The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference  |
| L1                 | When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection (K)(2)(c), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample |
| M1                 | The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria  |
| M2                 | The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria   |
| M3                 | The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria  |
| R1                 | The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection (K)(3), but the recovery in subsection (K)(2) was within acceptance criteria  |
| V1                 | The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample  |
| Q2                 | The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices - Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis   |
| Q3                 | Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317   |

**Customer Supplied Information:**

Genesis - Other Information

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Cultivated by: Soothing Options (Genesis) (00000094DCTJ00667966)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS00216601)

<https://azcarecheck.azdhs.gov/s/>

**Notes and Addenda:**



Bryant Kearl  
Chief Scientific Officer  
02/10/2025

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