

Io Extracts

3000 E Valencia Rd Suite 160
Tucson, AZ 85706
linda@ioextracts.com
(520) 409-1482
Lic. #00000077DCPS00216601


Sample: 2403LVL0448.2445

Secondary License: ; Chain of Distribution:
Strain: THCA; Batch#: IO-0326-THCA; Batch Size: g; External Batch ID: IO-0326-THCA
Sample Received: 03/28/2024; Report Created: 04/08/2024; Report Expiration: 04/08/2025
Sampling Date: 03/26/2024; Sampling Time: 10 AM; Sampling Person: Carmen Hamilton
Harvest Date: 11/30/2023; Manufacturing Date: 03/26/2024; External Lot ID: IO-0326-THCA

THCA Diamonds

Concentrates & Extracts, Diamonds, Butane



| | | | |
|--|---------------|-------------------|--------------------|
|  | 90.03% | ND | >99.99% |
| | Total THC | Total CBD | |
| | NT | Not Tested | Total Cannabinoids |
| Total Terpenes | Moisture | NT | |

Cannabinoids

Complete

| Analyte | LOQ | Mass | Mass | Qualifier |
|--------------|-------|------------------|-------------------|-----------|
| | % | % | mg/g | |
| THCa | 0.660 | >99.99 | >99.990 | |
| Δ9-THC | 0.660 | ND | ND | |
| Δ8-THC | 0.660 | ND | ND | M1 |
| THCVa | 0.660 | 1.254 | 12.54 | Q3 |
| THCV | 0.660 | ND | ND | Q3 |
| CBDa | 0.660 | ND | ND | |
| CBD | 0.660 | ND | ND | V1 |
| CBDVa | 0.660 | ND | ND | Q3 |
| CBDV | 0.660 | ND | ND | Q3 |
| CBN | 0.660 | ND | ND | Q3 |
| CBGa | 0.660 | ND | ND | Q3 |
| CBG | 0.660 | ND | ND | Q3 |
| CBCa | 0.660 | ND | ND | Q3 |
| CBC | 0.660 | ND | ND | Q3 |
| Total | | >99.99 | >99.990 | Q3 |

Qualifiers:
Date Tested: 04/03/2024 02:00 pm

Total THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.
Retest 1

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THCA Diamonds

Concentrates & Extracts, Diamonds, Butane



Residual Solvents

Pass

| Analyte | LOQ | Limit | Mass | Status | Qualifier |
|-------------------|----------|----------|------|--------|-----------|
| | PPM | PPM | PPM | | |
| Acetone | 371.600 | 1000.000 | ND | Pass | |
| Acetonitrile | 151.060 | 410.000 | ND | Pass | |
| Benzene | 0.740 | 2.000 | ND | Pass | V1 L1 M1 |
| Butanes | 2472.430 | 5000.000 | ND | Pass | M1 |
| Chloroform | 22.250 | 60.000 | ND | Pass | |
| Dichloromethane | 226.120 | 600.000 | ND | Pass | |
| Ethanol | 1843.720 | 5000.000 | ND | Pass | L1 |
| Ethyl-Acetate | 1845.470 | 5000.000 | ND | Pass | L1 |
| Ethyl-Ether | 1838.270 | 5000.000 | ND | Pass | |
| Heptane | 1840.950 | 5000.000 | ND | Pass | |
| Hexanes | 106.120 | 290.000 | ND | Pass | |
| Isopropanol | 1835.080 | 5000.000 | ND | Pass | L1 |
| Isopropyl-Acetate | 1838.480 | 5000.000 | ND | Pass | |
| Methanol | 1100.210 | 3000.000 | ND | Pass | L1 |
| Pentanes | 1850.410 | 5000.000 | ND | Pass | L1 M1 |
| Toluene | 331.110 | 890.000 | ND | Pass | |
| Xylenes | 793.330 | 2170.000 | ND | Pass | |

LEVEL ONE

Qualifiers:
Date Tested: 03/28/2024 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



Certificate of Analysis

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THCA Diamonds

Concentrates & Extracts, Diamonds, Butane



Pesticides

Pass

| Analyte | LOQ | Limit | Units | Status | Qualifier | Analyte | LOQ | Limit | Units | Status | Qualifier |
|---------------------|-------|-------|-------|--------|-----------|--------------------|-------|-------|-------|--------|-----------|
| | PPM | PPM | PPM | | | | PPM | PPM | PPM | | |
| Abamectin | 0.030 | 0.500 | ND | Pass | M2 | Hexythiazox | 0.040 | 1.000 | ND | Pass | |
| Acephate | 0.040 | 0.400 | ND | Pass | | Imazalil | 0.050 | 0.200 | ND | Pass | |
| Acetamiprid | 0.040 | 0.200 | ND | Pass | | Imidacloprid | 0.050 | 0.400 | ND | Pass | |
| Aldicarb | 0.040 | 0.400 | ND | Pass | | Kresoxim Methyl | 0.040 | 0.400 | ND | Pass | |
| Azoxystrobin | 0.050 | 0.200 | ND | Pass | | Malathion | 0.040 | 0.200 | ND | Pass | |
| Bifenazate | 0.050 | 0.200 | ND | Pass | M1 | Metalaxyl | 0.040 | 0.200 | ND | Pass | |
| Bifenthrin | 0.040 | 0.200 | ND | Pass | M2 | Methiocarb | 0.040 | 0.200 | ND | Pass | |
| Boscalid | 0.040 | 0.400 | ND | Pass | | Methomyl | 0.050 | 0.400 | ND | Pass | |
| Carbaryl | 0.040 | 0.200 | ND | Pass | | Myclobutanil | 0.050 | 0.200 | ND | Pass | |
| Carbofuran | 0.050 | 0.200 | ND | Pass | | Naled | 0.040 | 0.500 | ND | Pass | |
| Chlorantraniliprole | 0.040 | 0.200 | ND | Pass | L1 M1 V1 | Oxamyl | 0.040 | 1.000 | ND | Pass | |
| Chlorfenapyr | 0.450 | 1.000 | ND | Pass | | Paclobotrazol | 0.050 | 0.400 | ND | Pass | |
| Chlorpyrifos | 0.050 | 0.200 | ND | Pass | | Permethrins | 0.050 | 0.200 | ND | Pass | M2 |
| Clofentezine | 0.050 | 0.200 | ND | Pass | | Phosmet | 0.040 | 0.200 | ND | Pass | |
| Cyfluthrin | 0.450 | 1.000 | ND | Pass | | Piperonyl Butoxide | 0.040 | 2.000 | ND | Pass | |
| Cypermethrin | 0.050 | 1.000 | ND | Pass | | Prallethrin | 0.040 | 0.200 | ND | Pass | |
| Daminozide | 0.450 | 1.000 | ND | Pass | | Propiconazole | 0.050 | 0.400 | ND | Pass | |
| Dichlorvos (DDVP) | 0.040 | 0.100 | ND | Pass | | Propoxur | 0.050 | 0.200 | ND | Pass | |
| Diazinon | 0.050 | 0.200 | ND | Pass | | Pyrethrins | 0.460 | 1.000 | ND | Pass | |
| Dimethoate | 0.050 | 0.200 | ND | Pass | | Pyridaben | 0.050 | 0.200 | ND | Pass | |
| Ethoprophos | 0.040 | 0.200 | ND | Pass | | Spinosad | 0.050 | 0.200 | ND | Pass | |
| Etofenprox | 0.050 | 0.400 | ND | Pass | M2 | Spiromesifen | 0.050 | 0.200 | ND | Pass | |
| Etoxazole | 0.040 | 0.200 | ND | Pass | | Spirotetramat | 0.050 | 0.200 | ND | Pass | |
| Fenoxycarb | 0.050 | 0.200 | ND | Pass | | Spiroxamine | 0.040 | 0.400 | ND | Pass | |
| Fenpyroximate | 0.040 | 0.400 | ND | Pass | | Tebuconazole | 0.050 | 0.400 | ND | Pass | |
| Fipronil | 0.040 | 0.400 | ND | Pass | | Thiadoprid | 0.050 | 0.200 | ND | Pass | |
| Flonicamid | 0.050 | 1.000 | ND | Pass | | Thiamethoxam | 0.050 | 0.200 | ND | Pass | |
| Fludioxonil | 0.040 | 0.400 | ND | Pass | | Trifloxystrobin | 0.050 | 0.200 | ND | Pass | |

Herbicides

| Analyte | LOQ | Limit | Units | Status |
|---------|-----|-------|-------|--------|
|---------|-----|-------|-------|--------|

Qualifiers:

Date Tested: 04/04/2024 07:00 am
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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THCA Diamonds

Concentrates & Extracts, Diamonds, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 04/01/2024
Total Aflatoxins Date Tested: 04/01/2024

| Analyte | LOQ | Limit | Units | Status | Qualifier |
|------------------------------------|-------|-------|-------|--------|-----------|
| | µg/kg | µg/kg | µg/kg | | |
| Total Aflatoxins (B1 B2 G1 and G2) | 4.00 | 20.00 | <LOQ | Pass | |
| Total Ochratoxins (A and B) | 2.00 | 20.00 | 3.34 | Pass | |



TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.
Retest 1



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Microbials

Pass

| Analyte | Result | Result Units | Status | Qualifier |
|--|--------------|--------------|--------|-----------|
| E. Coli | <10 | CFU/G | Pass | |
| Salmonella | Not Detected | in one gram | Pass | |
| Aspergillus terreus | Not Detected | in one gram | Pass | |
| Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger | Not Detected | in one gram | Pass | |

Qualifiers:
Date Tested: 03/30/2024 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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THCA Diamonds

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Heavy Metals

Pass

| Analyte | Mass | Limit | Status | Qualifier |
|---------|--------|-------|--------|-----------|
| | PPM | PPM | | |
| Arsenic | <0.400 | 0.400 | Pass | |
| Cadmium | <0.400 | 0.400 | Pass | |
| Lead | <1.000 | 1.000 | Pass | |
| Mercury | <0.200 | 0.200 | Pass | |

Qualifiers:
Date Tested: 03/29/2024 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Subcontracted through IAS. Approved for all analytes by ICP-OES. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854



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THCA Diamonds

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Notes from Manufacturer

Nectar Farms – Other Information

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

Cultivated by: Arizona Organix (Nectar Farms) (00000099DCPL00826691)

Manufactured by Arizona Golden Leaf Wellness (00000067ESBS89254298)

Distributed through Arizona Golden Leaf Wellness (00000067ESBS89254298, 00000077DCPS0021660)

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



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