## $\oplus$ <br> Healer

Healer Products Certificates of Analysis (COA)

## Dear Healer Patron,

We are committed to producing high quality, clean, and accurately labeled cannabis products to help you feel your best. As you'll see in the following pages, we invest in the most thorough testing available in our region, not just for the content of medicinal components, but also for the absence of pesticides, toxic solvents, heavy metals, and microbiological contaminants.

To be transparent and earn your trust, our third-party laboratory certificates of analysis are attached.

Having previously owned and participated in a cannabis analytic laboratory for several years, I understand the inherent challenges related to reproducibility, calibration, and validation with peer laboratories. In the cannabis analytic industry, potency results are considered accurate within $10 \%$ deviation from the actual value. That's why after Healer performs its own internal analytics, we send samples of our bulk extracts and final products to at least one third-party lab, and sometimes two.

If you have any questions about the data on the following pages, wed love to hear from you. Thank you for choosing Healer and taking a powerful step for your good health.

Sincerely,


Dr. Dustin Sulak

# Full Spectrum Gummies 

## (H) Healer

Lemon Ease Gummies

## 5mg CBD, 5mg CBDA <br> Batch ID: L.E.G.24.003

CANNABINOIDS

| Cannabinoid | Concentration $\mathrm{mg} / \mathrm{g}$ | Concentration mg/gummy** |
| :---: | :---: | :---: |
| TOTAL | 2.46 | 11.54 |
| CBC | 0.06 | 0.28 |
| CBCA |  |  |
| CBD | 1.37 | 6.43 |
| CBDA | 0.88 | 4.13 |
| CBDV |  |  |
| CBDVA |  |  |
| CBG | 0.05 | 0.23 |
| CBGA | 0.04 | 0.19 |
| CBL |  |  |
| CBLA |  |  |
| CBN |  |  |
| CBNA |  |  |
| $\Delta^{8}$-THC |  |  |
| $\Delta^{9}$-THC | 0.06 | 0.28 |
| $\Delta^{10}$-THC |  |  |
| EXO-THC |  |  |
| THCA |  |  |
| THCV |  |  |
| THCVA | <LOQ | <LOQ |
| $3{ }^{\text {rd }}$ Party Tested By: | Nova Analytic Labs |  |
| $3{ }^{\text {rd }}$ Party Testing ID: | L.E.G.24.003-Cann NAL-240410-021 |  |

*<LOQ = Compound present in detectable amounts below the limit of quantitation for data reporting.
** Based on a serving size of 4.69 g

Ingredients:
Organic Tapioca Syrup, Organic Cane Sugar, Water, Pectin; Less than 2\% of: Lemon Oil, Color Turmeric, Organic Citric Acid, Sodium Citrate, Certified Organic Maine Hemp, Ascorbic Acid, Organic MCT Coconut Oil

HEAVY METALS

| TEST | RESULTS |
| :---: | :---: |
| Arsenic | Pass- None Detected |
| Cadmium | Pass-None Detected |
| Lead | Pass-None Detected |
| Mercury | Pass-None Detected |
| $3^{\text {rd }}$ Party Tested By: | Nova Analytic Labs |
| 3rd <br> Party Testing ID: <br> Concentrated <br> formula tested | H.23.008.A-Oil-Cont |

PESTICIDES

| TEST | RESULT |
| :---: | :---: |
| Bifenthrin | Pass-None Detected |
| Cyfluthrin | Pass-None Detected |
| Daminozide | Pass-None Detected |
| Etoxazole | Pass-None Detected |
| Imazalil | Pass-None Detected |
| Myclobutanil | Pass-None Detected |
| Spiromesifen | Pass-None Detected |
| Trifloxystrobin | Pass-None Detected |
| 3rd Party Tested By: | Nova Analytic Labs |
| 3rd Party Testing ID: | H.23.008.A-Oil-Cont |
| Concentrated |  |
| formula tested | NAL-230907-056 |
|  | H.23.007.D-Oil-Cont |
| NAL-230831-031 |  |

Strains:
Lifter, Hawaiian Haze, Suver Haze, Sour Space Candy, Cake Berry

CoA Issue Date:
April 19, 2024
Expiration Date:
April 8, 2025
$3^{\text {rd }}$ Party Lab Results Attached

Nova Analytic Labs Tomorrows Testing $\bullet$ Today

## CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A MAINE COMPLIANCE CERTIFICATE.
L.E.G.24.003-CANN (EDIBLE SOLID) // PRODUCED: APR 15, 2024

CLIENT: HEALER HEMP LLC // BATCH: PASSED


BATCH NO.: L.E.G. $24.003^{1}$
MATRIX: EDIBLE SOLID ${ }^{1}$
SAMPLEID: NAL-240410-021
COLLECTED ON: APR 10, 2024
RECEIVED ON: APR 10, 2024
SAMPLE SIZE: $4.351 \mathrm{G}{ }^{1}$
SAMPLED BY: ANNA KUPEL
RECEIVED BY: IAN LEONARD
SERVING SIZE: 4.3111 G ${ }^{2}$
${ }^{1}$ ENTERED BY CLIENT, ${ }^{2}$ ENTERED BY LAB

## CANNABINOID OVERVIEW

| CBD: | $5.91 \mathrm{mg} / \mathrm{srv}$ |
| :--- | :--- |
| CBDA: | $3.79 \mathrm{mg} / \mathrm{srv}$ |
| TOTAL CANNABINOIDS: | $10.6 \mathrm{mg} / \mathrm{srv}$ |

## MANUFACTURER INFO

BATCH RESULT: PASSED

## MANUFACTURER

POTENCY PASS
HEALER HEMP LLC
119 ORION ST
BRUNSWICK, MAINE 04011

## LICENSE

CGR26424
MEDICINAL - CAREGIVER

CAN.1: POTENCY \& CANNABINOID PROFILE BY HPLC-UV PREPARATION: APR 11, 2024 // ANALYSIS: APR 15, 2024

| ANALYTE | LIMIT | AMT |  | AMT | LOD/LOQ (\%) | PASS/FAIL | ANALYte | LIMIT | AMT | AMT | LOD/LOQ (\%) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CBC |  | 0.00631 \% | 0.0631 | $\mathrm{mg} / \mathrm{g}$ | $0.000936 / 0.00187$ | N/A | $\Delta^{8}$-THCA |  | ND | ND | $0.00187 / 0.00187$ | N/A |
| CBCA |  | ND |  | ND | $0.000936 / 0.00187$ | N/A | $\Delta^{9}$-THC |  | 0.00628 \% | $.0628 \mathrm{mg} / \mathrm{g} 0$ | 0.000936/0.00187 | N/A |
| CBD |  | $0.137 \%$ | 1.37 | $\mathrm{mg} / \mathrm{g}$ | $0.00260 / 0.00520$ | N/A | $\Delta^{10}$-THC |  | ND | ND | 0.000936/0.00187 | N/A |
| CBDA |  | 0.0878 \% | 0.878 | $\mathrm{mg} / \mathrm{g}$ | $0.00260 / 0.00520$ | N/A | EXO-THC |  | ND | ND | $0.00187 / 0.00187$ | N/A |
| CBDV |  | ND |  | ND | $0.000936 / 0.00187$ | N/A | THCA |  | ND | ND | $0.00187 / 0.00187$ | N/A |
| CBDVA |  | ND |  | ND | $0.000936 / 0.00187$ | N/A | THCV |  | ND | ND | $0.000936 / 0.00187$ | N/A |
| CBG |  | 0.00458 \% | 0.0458 | $\mathrm{mg} / \mathrm{g}$ | $0.000936 / 0.00187$ | N/A | THCVA |  | < LOQ | < LOQ | 0.000936/0.00187 | N/A |
| CBGA |  | 0.00355 \% | 0.0355 | $\mathrm{mg} / \mathrm{g}$ | $0.000936 / 0.00187$ | N/A | TOTAL THC** |  | 0.00628 \% | . $0628 \mathrm{mg} / \mathrm{g}$ |  | N/A |
| CBL |  | ND |  | ND | $0.00187 / 0.00187$ | N/A | TOTALCBD** |  | 0.214 \% | $2.14 \mathrm{mg} / \mathrm{g}$ |  | N/A |
| CBLA |  | ND |  | ND | $0.000936 / 0.00187$ | N/A | CBD/SRV |  | 5.91 mg |  |  | N/A |
| CBN |  | ND |  | ND | $0.000936 / 0.00187$ | N/A | $\Delta^{9}$-THC/SRV |  | 0.271 mg |  |  | N/A |
| CBNA |  | ND |  | ND | $0.000936 / 0.00187$ | N/A | TOTAL THC/SRV** |  | 0.271 mg |  |  | N/A |
| $\Delta^{8}$-THC |  | ND |  | ND | $0.00187 / 0.00187$ | N/A | TOTALCBD/SRV** |  | 9.23 mg |  |  | N/A |

** TOTAL CBD $=(C B D A X 0.877)+C B D$
** TOTAL THC $=($ THCA X 0.877) + THC
Reported on an as received basis
$1000 \mu \mathrm{~g} / \mathrm{g}=1 \mathrm{mg} / \mathrm{g}$

AUTHORIZED BY:

* for quality assurance purposes. not a maine compliance certificate.

ALL TESTS WERE PERFORMED IN ACCORDANCE WITH THE RULES AND REGULATIONS SET FORTH IN THE MAINE ADULT USE PROGRAM. LABORATORY SAMPLING PROTOCOLS ARE GOVERNED BY THE OCP'S SAMPLING GUIDANCE DOCUMENTS. ALL INFORMATION PROVIDED BY THE CLIENT, INCLUDING SELF SAMPLING, MUST BE ACCURATE AND ADHERE TO THE SAME RULES AND REGULATIONS. HOWEVER, CLIENT PROVIDED INFORMATION, INCLUDING SAMPLING, IS ULTIMATELY THE RESPONSIBILITY OF THE PROVIDING LICENSEE, REGISTERED CAREGIVER, PATIENT OR the like and failure to follow said protocols could lead to erroneous test results. note: not all potential andior existing hazards were analyzed. this certificate of analysis is relevant only to those items tested. the sample was provided to the laboratory for testing by the client and the sample was tested as received.

END OF REPORT

## CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A MAINE COMPLIANCE CERTIFICATE. H.23.008.A-OIL-CONT (CONCENTRATE) // PRODUCED: SEP 11, 2023


## CLIENT: HEALER HEMP LLC // BATCH: PASSED



BATCH NO.: H. 23.008.A-OIL ${ }^{1}$
MATRIX: CONCENTRATE ${ }^{1}$
SAMPLEID: NAL-230907-056
COLLECTED ON: SEP 07, 2023
RECEIVED ON: SEP 07, 2023
SAMPLE SIZE: $1.108 \mathrm{G}{ }^{1}$
SAMPLED BY: ANNA KUPEL
RECEIVED BY: CHRISTOPHER COLE

1 ENTERED BY CLIENT

## MANUFACTURER INFO

## MANUFACTURER

HEALER HEMP LLC
119 ORION ST
BRUNSWICK, MAINE 04011
LICENSE
CGR26424
MEDICINAL - CAREGIVER

PST.2: PESTICIDES, INSECTICIDES, FUNGICIDES AND GROWTH REGULATORS BY LC-HRMS PREPARATION: SEP 08, 2023 // ANALYSIS: SEP 08, 2023

| Analyte |  | Limit | AMT ( $\mu \mathrm{g} / \mathrm{kg}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL | Analyte |  | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{kg}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NALED | 500 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A | ETHOPROPHOS |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| OXAMYL | 1000 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/492 | N/A | FLUDIOXONIL | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| PHOSMET | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | HEXYTHIAZOX |  | 1000 | ND | $148 / 492$ | N/A |
| ACEPHATE | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |  |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND |  |  |
| ALDICARB | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A | PRALLETHRIN | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| BOSCALID | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A | SPIROXAMINE | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| CARBARYL | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | THIACLOPRID | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| DIAZINON | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | AZOXYSTROBIN | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| FIPRONIL | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A | CHLORFENAPYR |  | 1000 | ND | 148/492 | N/A |
| IMAZALIL | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |  |  | $\mu \mathrm{g} / \mathrm{kg}$ |  |  |  |
| METHOMYL | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A | CHLORPYRIFOS | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| PROPOXUR | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | CLOFENTEZINE | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| SPINOSAD | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | CYPERMETHRIN |  | 1000 | ND | 148/492 | N/A |
| ABAMECTIN | 500 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A | CYPERMETHRIN |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | $148 / 492$ | N/A |
| ETOXAZOLE | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | IMIDACLOPRID | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| MGK-264 I |  |  | ND | 90.1/90.1 | N/A | MYCLOBUTANIL | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| MALATHION | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | SPIROMESIFEN |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| METALAXYL | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | TEBUCONAZOLE |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| PYRIDABEN | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | THIAMETHOXAM | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| BIFENAZATE | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | FENPYROXIMATE |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| BIFENTHRIN | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | PACLOBUTRAZOL |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| CARBOFURAN | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | PROPICONAZOLE | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| CYFLUTHRIN | 1000 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/492 | N/A | SPIROTETRAMAT | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| DAMINOZIDE | 1000 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/492 | N/A | PERMETHRIN CIS |  |  | ND | 63.5/63.5 | N/A |
| DICHLORVOS | 1000 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/492 | N/A | KRESOXIM- |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A |
| DIMETHOATE | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | METHYL |  | $\mu \mathrm{g}$ kg |  |  |  |
| ETOFENPROX | 400 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/197 | N/A | TRIFLOXYSTROB- |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| FENOXYCARB | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | IN |  | $\mu \mathrm{g} / \mathrm{kg}$ |  |  |  |
| FLONICAMID | 1000 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/492 | N/A | PARATHION- |  | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A |
| MGK-264 II |  |  | ND | $57.6 / 57.6$ | N/A | METHYL |  | $\mu \mathrm{g} / \mathrm{kg}$ |  |  |  |
| METHIOCARB | 200 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/148 | N/A | PERMETHRIN TRANS |  |  | ND | 84.2/84.2 | N/A |
| ACEQUINOCYL | 2000 | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/985 | N/A | PIPERONYLBUTOXIDE |  | $\begin{array}{r} 2000 \\ \mu \mathrm{~g} / \mathrm{kg} \end{array}$ | ND | 148/985 | N/A |


| CHLORANTRANIL- | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $148 / 148$ |
| :--- | ---: | ---: | ---: |
| IPROLE |  | $\mathrm{N} / \mathrm{A}$ |  |
| PYRETHRINS CINERIN I | ND | $98.4 / 98.4$ | $\mathrm{~N} / \mathrm{A}$ |
| PYRETHRINS CINERIN II | ND | $100 / 100$ | $\mathrm{~N} / \mathrm{A}$ |
| PYRETHRINS JASMOLIN I | ND | $79.8 / 79.8$ | $\mathrm{~N} / \mathrm{A}$ |
| PYRETHRINS JASMOLIN II | ND | $62.0 / 62.0$ | $\mathrm{~N} / \mathrm{A}$ |
| PYRETHRINS PYRETHRIN I | ND | $458 / 458$ | $\mathrm{~N} / \mathrm{A}$ |
| PYRETHRINS PYRETHRIN | ND | $270 / 270$ | $\mathrm{~N} / \mathrm{A}$ |
| II |  |  |  |


https://lims.tagleaf.com/coa_/a22KOKEb7J

| ANALYTE | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{kg}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL | ANALYte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{kg}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LEAD | $500 \mu \mathrm{~g} / \mathrm{kg}$ | < LOQ | $4.81 / 105$ | N/A | CADMIUM | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $4.50 / 87.1$ | N/A |
| ARSENIC | $200 \mu \mathrm{~g} / \mathrm{kg}$ | < LOQ | 10.4/87.1 | N/A | MERCURY | $100 \mu \mathrm{~g} / \mathrm{kg}$ | ND | $16.0 / 69.7$ | N/A |






END OF REPORT

## CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A MAINE COMPLIANCE CERTIFICATE.

CLIENT: HEALER HEMP LLC // BATCH: FAIL


BATCH NO.: H.23.007.D-OIL ${ }^{1}$
MATRIX: CONCENTRATE ${ }^{1}$
SAMPLEID: NAL-230831-031
COLLECTED ON: AUG 31, 2023
RECEIVED ON: AUG 31, 2023
SAMPLE SIZE: $1.433 \mathrm{G}^{1}$
SAMPLED BY: ANNA KUPEL
RECEIVED BY: IAN LEONARD

1 ENTERED BY CLIENT

## MANUFACTURER INFO

## MANUFACTURER

HEALER HEMP LLC
19 ORION ST
BRUNSWICK, MAINE 04011

## LICENSE

CGR26424
MEDICINAL - CAREGIVER

## NOVA ANALYTIC LABS

Tomorrow's Testing, Today.

-

PST.2: PESTICIDES, INSECTICIDES, FUNGICIDES AND GROWTH REGULATORS BY LC-HRMS PREPARATION: SEP 01, 2023 // ANALYSIS: SEP 01, 2023

| AnAlyte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{kg}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL | AnAlyte | LIMIT | kg) | OQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | /FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ABAMECTIN | $500 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | METHIOCARB | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| ACEPHATE | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | METHOMYL | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS |
| ACEQUINOCYL | $2000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/988 | PASS | M G K-264 | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND |  | PASS |
| ACETAMIPRID | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | M GK-264 I |  | ND | 90.4/90.4 | N/A |
| ALDICARB | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | M GK-264 II |  | ND | $57.8 / 57.8$ | N/A |
| AZOXYSTROBIN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | MYCLOBUTANIL | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| BIFENAZATE | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | NALED | $500 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS |
| BIFENTHRIN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | OXAMYL | $\mu \mathrm{g} / \mathrm{kg}$ | ND | 148/494 | PASS |
| BOSCALID | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS |  |  |  |  |  |
| CARBARYL | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PACLOBUTRAZOL | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS |
| CARBOFURAN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PARATHION- | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| CHLORANTRANIL- |  | ND | 148 | PASS | METHYL |  |  |  |  |
| IPROLE | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148 | PASS | PERMETHRIN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND |  | PASS |
| CHLORFENAPYR | $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/494 | PASS | PERMETHRIN CIS |  | ND | 63.7/63.7 | N/A |
| CHLORPYRIFOS | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PERMETHRIN TRANS |  | ND | 84.5/84.5 | N/A |
| CLOFENTEZINE | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PHOSMET | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| CYFLUTHRIN | $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/494 | PASS | PIPERONYLBUTO. | 2000 | ND | 148/988 | PASS |
| CYPERMETHRIN | $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/494 | PASS | XIDE | $\mu \mathrm{g} / \mathrm{kg}$ |  |  |  |
| DAMINOZIDE | $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/494 | PASS | PRALLETHRIN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| DIAZINON | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PROPICONAZOLE | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS |
| DICHLORVOS | $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/494 | PASS | PROPOXUR | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| DIMETHOATE | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PYRETHRINS | 1000$\mu \mathrm{~g} / \mathrm{kg}$ | ND |  | PASS |
| ETHOPROPHOS | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |  |  |  |  |  |
| ETOFENPROX | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | PYRETHRINS CINERIN I |  | ND | 98.7/98.7 | N/A |
| ETOXAZOLE | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PYRETHRINS CINERIN II |  | ND | 101/101 | N/A |
| FENOXYCARB | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | PYRETHRINS JASMOLIN I |  | ND | $80.0 / 80.0$ | N/A |
| FENPYROXIMATE | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | PYRETHRINS JASMOLIN II |  | ND | 62.3/62.3 | N/A |
| FIPRONIL | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | PYRETHRINS PYRETHRIN I |  | ND | 459/459 | N/A |
| FLONICAMID | $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/494 | PASS | PYRETHRINS PYRETHRIN |  | ND | 271/271 | N/A |
| FLUDIOXONIL | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | 11 |  |  |  |  |
| HEXYTHIAZOX | $1000 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/494 | PASS | PYRIDABEN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| IMAZALIL | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | SPINOSAD | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| IMIDACLOPRID | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | SPIROMESIFEN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| KRESOXIM- | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS | SPIROTETRAMAT SPIROXAMINE | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
| METHYL |  |  |  |  |  | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS |
| MALATHION | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | TEBUCONAZOLE | $400 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/198 | PASS |
| METALAXYL | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS | THIACLOPRID <br> THIAMETHOXAM TRIFLOXYSTROBIN | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
|  |  |  |  |  |  | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |
|  |  |  |  |  |  | $200 \mu \mathrm{~g} / \mathrm{kg}$ | ND | 148/148 | PASS |

HME.1: HEAVY METALS BY ICP-MS
PREPARATION: SEP 01, 2023 // ANALYSIS: SEP 05, 2023


## NOTES

ZACHARY SMITH
SEP 06, 2023

ETHANOL
the result reported on this certificate of analysis is an estimated result. the relative concentration in this SAMPLE SATURATED THE DETECTOR ON THE ANALYTICAL INSTRUMENT AND THUS REPRESENTS A MUCH-GREATER-THAN THE UPPER LIMIT OF QUANTITATION RESULT. THIS SAMPLE CANNOT BE REANALYZED AT A LOWER MASS APPROPRIATE TO THE ESTIMATED CONCENTRATION IN ORDER TO BRING THE DETECTED RESPONSE INTO THE INSTRUMENT'S LINEAR CALIBRATION RANGE.

* for quality assurance purposes. not a maine compliance certificate.






