## CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A MICHIGAN COMPLIANCE CERTIFICATE. PRODUCED: JUL 09, 2021

SAMPLE: PET FORMULA (TINCTURE) // CLIENT: NUVITA CBD // BATCH: PASS $600 \mathrm{MG} / 60 \mathrm{ML}$, BATCH \# 17521

## BATCH RESULT: PASS

| POTENCY | PASS |
| :--- | ---: |
| METALS | PASS |
| MICROBIAL | TESTED |
| PESTICIDES | PASS |
| SOLVENTS | PASS |
| TERPENES | TESTED |

MATRIX: TINCTURE
CATEGORY: EDIBLE
SAMPLEID: CAM-210706-064
COLLECTED ON: JUL 06, 2021
RECEIVED ON: JUL 06, 2021
BATCH/SAMPLE SIZE: $60 \mathrm{ML} / 60 \mathrm{ML}$
SERVING/PACKAGE SIZE: . 94 G / 56.4 G

## CANNABINOID OVERVIEW

| CBD: | $10.34 \mathrm{mg} / \mathrm{srv}$ |
| :--- | :--- |
| CBC: | $0.54 \mathrm{mg} / \mathrm{srv}$ |
| TOTAL CANNABINOIDS: | $11.34 \mathrm{mg} / \mathrm{srv}$ |

TOTAL CANNABINOIDS:

POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD // JUL 08, 2021

| ANALYTE | AMT (\%) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{g}$ ) | PASS/FAIL | ANALYTE | AMT (\%) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{g}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C B C | 0.0572 \% | $0.0517 / 0.172$ | N/A | THCA | ND | $0.0883 / 0.294$ | N/A |
| CBD | 1.10 \% | $0.109 / 0.363$ | N/A | THCV | ND | $0.0699 / 0.233$ | N/A |
| CBDA | ND | $0.142 / 0.474$ | N/A | TOTAL THC* | 0.0421 \% |  | N/A |
| CBDV | ND | $0.0673 / 0.224$ | N/A | TOTALCBD* | 1.10 \% |  | N/A |
| CBG | 0.00750 \% | $0.0576 / 0.192$ | N/A | CBD/SRV | 10.3 mg |  | N/A |
| CBGA | ND | $0.0328 / 0.109$ | N/A | $\triangle{ }^{9}$-THC/SRV | 0.400 mg |  | PASS |
| CBN | ND | $0.0848 / 0.283$ | N/A | CBD/PKG | 620 mg |  | N/A |
| $\Delta^{8}$-THC | ND | $0.0578 / 0.193$ | N/A | $\Delta^{9}$-THC/PKG | 23.7 mg |  | PASS |
| $\Delta^{9}$-THC | 0.0421 \% | $0.102 / 0.34$ | N/A |  |  |  |  |
| * BEYOND SCOPE OF ACCREDITATION |  |  |  |  |  |  |  |
| ** TOTA | A $\times 0.877)$ |  |  |  |  |  |  |
| ** TOTA | A $\times 0.877)$ |  |  |  |  |  |  |

TRP-013: TERPENE ANALYSIS BY GC-MS/HS // JUL 08, 2021

| ANALYTE | AMT (\%) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{g}$ ) | PASS/FAIL | ANALYTE | AMT (\%) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{g}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TOTAL TERPENES * | 0.081 \% |  | N/A | ISOBORNEOL | ND | 0.5/1 | N/A |
| TRANS-CARYOPHYLLENE | 0.050 \% | 0.5/1 | N/A | (+)-FENCHONE | ND | 0.5/1 | N/A |
| $\alpha-B I S A B O L O L$ | $0.013 \%$ | 0.5/1 | N/A | $\Delta^{3}$-CARENE | ND | $0.5 / 1$ | N/A |
| a-HUMULENE | $0.006 \%$ | 0.5/1 | N/A | Y-TERPINENE | ND | 0.5/1 | N/A |
| $\beta$-MYRCENE | 0.005 \% | 0.5/1 | N/A | EUCALYPTOL | ND | 0.5/1 | N/A |
| GUAIOL | 0.002 \% | 0.5/1 | N/A | (1R)-ENDO-(+)-FENCHYL ALCOHOL | ND | $0.5 / 1$ | N/A |
| SABINENE HYDRATE | 0.002 \% | 0.5/1 | N/A | CIS-NEROLIDOL | ND | 0.5/1 | N/A |
| TRANS-NEROLIDOL | 0.001 \% | 0.5/1 | N/A | CEDROL | ND | 0.5/1 | N/A |
| LIMONENE | 0.001 \% | 0.5/1 | N/A | CARYOPHYLLENE OXIDE | ND | $0.5 / 1$ | N/A |
| CIS- $\beta$-OCIMENE | 0.001 \% | 0.5/1 | N/A | CAMPHOR | ND | 0.5/1 | N/A |
| TRANS- $\beta$-OCIMENE | ND | 0.5/1 | N/A | CAMPHENE | ND | 0.5/1 | N/A |
| TERPINOLENE | ND | 0.5/1 | N/A | $\beta$-PINENE | ND | $0.5 / 1$ | N/A |
| GERANYL ACETATE | ND | 0.5/1 | N/A | $\alpha-T E R P I N E N E$ | ND | 0.5/1 | N/A |
| SABINENE | ND | 0.5/1 | N/A | $\alpha-P I N E N E$ | ND | 0.5/1 | N/A |
| PULEGONE | ND | 0.5/1 | N/A | a-PHELLANDRENE | ND | 0.5/1 | N/A |
| LINALOOL * | ND | 0.5/1 | $N / A$ | a-CEDRENE | ND | 0.5/1 | N/A |
| ISOPULEGOL | ND | 0.5/1 | N/A | VALENCENE | ND | 0.5/1 | N/A |

RESULTS CERTIFIED BY: XIN YAN LABORATORY DIRECTOR, CAMBIUM ANALYTICA JUL 09, 2021

Lin yan

RESULTS CERTIFIED BY: DOUGLAS SMITH CHIEF SCIENTIST, CAMBIUM ANALYTICA JUL 09, 2021


PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS // JUL 08, 2021

| AnAlyte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL | Analyte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ABAMECTIN | $0.5 \mu \mathrm{~g} / \mathrm{g}$ | ND | 69.9/233 | PASS | IMAZALIL | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $15.7 / 52.3$ | PASS |
| ACEPHATE | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | 16.5/54.9 | PASS | IMIDACLOPRID | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | 34.3/114 | PASS |
| ACEQUINOCYL | $2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 28.5/95 | PASS | KRESOXIM- |  |  |  |  |
| ACETAMIPRID | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 14.6/48.8 | PASS | METHYL | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | $12 / 40$ | PASS |
| ALDICARB | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | $42.9 / 143$ | PASS | MALATHION | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $15.8 / 52.7$ | PASS |
| AZOXYSTROBIN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $10.6 / 35.3$ | PASS | METALAXYL | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $17.8 / 59.2$ | PASS |
| BIFENAZATE | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $25.4 / 84.5$ | PASS | METHIOCARB | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 14/46.7 | PASS |
| BIFENTHRIN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 14.7/49.1 | PASS | METHOMYL | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | $9.54 / 31.8$ | PASS |
| BOSCALID | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | 12.9/42.2 | PASS | M GK-264 | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $19.4 / 64.8$ | PASS |
| CARBARYL | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $12.2 / 40.7$ | PASS | MYCLOBUTANIL | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $20 / 66.5$ | PASS |
| CARBOFURAN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $10.8 / 36$ | PASS | NALED | $0.5 \mu \mathrm{~g} / \mathrm{g}$ | ND | $23.3 / 77.6$ | PASS |
| CHLORANTRANIL- | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 24.9/82.9 | PASS | OXAMYL | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | $35.7 / 119$ | PASS |
| IPROLE | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $24.9 / 82.9$ | PASS | PACLOBUTRAZOL | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | $36.7 / 122$ | PASS |
| CHLORFENAPYR | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | 12.2/40.8 | PASS | PERMETHRIN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 38.2/128 | PASS |
| CHLORPYRIFOS | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 25/83.3 | PASS | PHOSMET | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $24.2 / 80.7$ | PASS |
| CLOFENTEZINE | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 20.4/68 | PASS | PRALLETHRIN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $37.6 / 125$ | PASS |
| CYFLUTHRIN | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | 39.2/131 | PASS | PROPICONAZOLE | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | 41/137 | PASS |
| CYPERMETHRIN | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | 28/93.5 | PASS | PROPOXUR | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $11.8 / 39.2$ | PASS |
| DAMINOZIDE | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | $24.2 / 80.6$ | PASS | PYRETHRINS | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | $20.3 / 67.6$ | PASS |
| DIAZINON | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 18.8/62.8 | PASS | PYRIDABEN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $26.4 / 88.1$ | PASS |
| DICHLORVOS | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | $12.7 / 42.4$ | PASS | SPINOSAD | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $5.96 / 19.9$ | PASS |
| DIMETHOATE | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 12.4/41.3 | PASS | SPINOSAD A |  | ND | $6.46 / 21.5$ | N/A |
| ETHOPROPHOS | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 19.3/64.4 | PASS | SPINOSAD D |  | ND | $2.44 / 8.1$ | N/A |
| ETOFENPROX | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | $14.5 / 48.5$ | PASS | SPIROMESIFEN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $14.8 / 49.3$ | PASS |
| ETOXAZOLE | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $13.7 / 45.6$ | PASS | SPIROTETRAMAT | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 35.9/120 | PASS |
| FENOXYCARB | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $20.2 / 67.4$ | PASS | SPIROXAMINE | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | 12.4/41.4 | PASS |
| FENPYROXIMATE | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | 44.5/148 | PASS | TEBUCONAZOLE | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | 38.1/127 | PASS |
| FIPRONIL | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | $45.7 / 152$ | PASS | THIACLOPRID | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 15.7/52.2 | PASS |
| FLONICAMID | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | $22.5 / 74.9$ | PASS | THIAMETHOXAM | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 13.9/46.2 | PASS |
| FLUDIOXONIL | $0.4 \mu \mathrm{~g} / \mathrm{g}$ | ND | $11.1 / 37.1$ | PASS | TRIFLOXYSTROB - | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 19/63.2 | PASS |
| HEXYTHIAZOX | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | 28.6/95.2 | PASS | IN | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | 19163.2 | PASS |

PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS // JUL 08, 2021

| ANALYTE | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL | ANALYTE | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CHLORFENAPYR | $1 \mu \mathrm{~g} / \mathrm{g}$ | ND | $6.09 / 20.4$ | PASS | METHYL PARATHION | $0.2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $3.11 / 10.4$ | PASS |


| ANALYTE | LIMIT | AMT ( $\mathrm{CFO} / \mathrm{g}$ ) | PASS/FAIL | ANALYte | LIMIT | AMT ( $\mathrm{CFU} / \mathrm{g}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COLIFORMS | $100 \mathrm{CFU} / \mathrm{g}$ | ND | N/A |  | Any amount in 1 |  | / |
| ASPERGILLUS NIGER | Any amount in 1 gram | ND | N/A | ASPERGILLUS TERREUS | gram |  | N/A |
| ASPERGILLUS FLAVUS | Any amount in 1 gram | ND | N/A | SALMONELLA ENTERICA | Any amount in 1 | ND | N/A |
| SALMONELLA BONGORI | Any amount in 1 gram | ND | N/A | SALMONELLA ENTERICA | gram | ND | N/A |
|  |  |  |  | ASPERGILLUS FUMIGATUS | Any amount in 1 gram | ND | N/A |
|  |  |  |  | SHIGA TOXIN-PRODUCING E. | Any amount in 1 | ND | N/A |

: TYM BY 3M PETRIFILM RYM // JUL 09, 2021

| ANALYTE | LIMIT | AMT (CFU/g) | PASS/FAIL |
| :--- | ---: | ---: | ---: |
| YEAST \& MOLD | $10000 \mathrm{CFU} / \mathrm{g}$ | ND | $\mathrm{N} / \mathrm{A}$ |

MET-05: HEAVY METALS ANALYSIS BY ICP-MS // JUL 08, 2021

| ANALYte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL | ANALYte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{kg}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ARSENIC | $1.5 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.0448 / 0.5$ | PASS | LEAD | $0.5 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.0169 / 0.5$ | PASS |
| CADMIUM | $0.5 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.0256 / 0.5$ | PASS | MERCURY | $3 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.00439 / 0.05$ | PASS |
| CHROMIUM | $2 \mu \mathrm{~g} / \mathrm{g}$ | $0.010 \mu \mathrm{~g} / \mathrm{g}$ | $0.0274 / 0.5$ | PASS | NICKEL |  | $0.009 \mu \mathrm{~g} / \mathrm{g}$ | $0.0271 / 0.5$ | N/A |
| COPPER |  | ND | 0.0446/0.5 | N/A |  |  |  |  |  |

SOL-04: RESIDUAL SOLVENT ANALYSIS BY GC-MS // JUL 08, 2021

| AnALyte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{g}$ ) | PASS/FAIL | AnAlyte | LIMIT | AMT ( $\mu \mathrm{g} / \mathrm{g}$ ) | LOD/LOQ ( $\mu \mathrm{g} / \mathrm{g}$ ) | PASS/FAIL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1,2- | $5 \mu \mathrm{~g} / \mathrm{g}$ | ND | 0.4/1.34 | PASS | HEPTANE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.31 / 4.37$ | PASS |
| DICHLOROETHANE | $5 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.4 / 1.34$ | PASS | HEXANE | $290 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.42 / 4.74$ | PASS |
| 2,2- | 290 /g/g | ND | $0.98 / 3.27$ | PASS | HeXANES ALL ISOMERS * | $290 \mu \mathrm{~g} / \mathrm{g}$ | ND |  | PASS |
| DIMETHYLBUTANE | $290 \mu \mathrm{~g} / \mathrm{g}$ |  | 0.9813 .27 | PASS | ISOBUTANE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | 1.6/5.34 | PASS |
| 2,3- | 290 Hg/g | ND | $2.19 / 7.32$ | PASS | ISOPROPYL ALCOHOL | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | 4.9/16.3 | PASS |
| DIMETHYLBUTANE | $290 \mu \mathrm{~g} / \mathrm{g}$ | ND | 2.1917 .32 | PASS | METHANOL | $3000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $7.89 / 26.4$ | PASS |
| 2 - | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | 1.54/5.14 | PASS | METHYLENE CHLORIDE | $600 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.36 / 4.53$ | PASS |
| METHYLBUTANE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | 1.54/5.14 | PASS | NEOPENTANE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.49 / 4.97$ | PASS |
| 3 - |  | ND | $0.73 / 2.44$ | PASS | PENTANE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.46 / 4.87$ | PASS |
| METHYLPENTANE | 290 Hg/g | ND | $0.73 / 2.44$ | PASS | PENTANES ALL ISOMERS * | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND |  | PASS |
| ACETONE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.57 / 5.23$ | PASS | PROPANE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.95 / 6.51$ | PASS |
| ACETONITRILE | $410 \mu \mathrm{~g} / \mathrm{g}$ | ND | 1.85/6.17 | PASS | TOLUENE | $890 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.88 / 6.26$ | PASS |
| BENZENE | $2 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.18 / 0.59$ | PASS | TRICHLOROETHY- | $80 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.29 / 0.96$ | PASS |
| BUTANE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.68 / 5.59$ | PASS | LENE | $80 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.29 / 0.96$ | PASS |
| BUTANES ALL ISOMERS * | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND |  | PASS | TOTAL XYLENES | $2170 \mu \mathrm{~g} / \mathrm{g}$ | ND | $2.02 / 6.72$ | PASS |
| CHLOROFORM | $60 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.78 / 2.59$ | PASS |  |  |  |  |  |
| ETHANOL | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $6.02 / 20.1$ | PASS |  |  |  |  |  |
| ETHYL ACETATE | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | 1.95/6.49 | PASS |  |  |  |  |  |
| ETHYLENE OXIDE | $50 \mu \mathrm{~g} / \mathrm{g}$ | ND | $0.15 / 0.49$ | PASS |  |  |  |  |  |
| ETHYL ETHER | $5000 \mu \mathrm{~g} / \mathrm{g}$ | ND | $1.37 / 4.55$ | PASS |  |  |  |  |  |



## ILAC-MRA, PJLA ACCREDITED

PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS
ABAMECTIN, ABAMECTIN BA, ABAMECTIN BB, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MGK-264, MALATHION, MALATHION A, METALAXYL, METHIOCARB, METHOMYL, METHYL PARATHION, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PERMETHRIN, PERMETHRIN CIS, PERMETHRIN TRANS, PHOSMET, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS CINERIN I, PYRETHRINS CINERIN I3, PYRETHRINS JASMOLIN I, PYRETHRINS JASMOLIN I-3, PYRETHRINS PYRETHRIN I, PYRIDABEN, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD CBD, CBDA, DELTA-9-THC, THCA, CBDV, THCV, CBG, CBGA, CBN, DELTA-8-THC, CBC

TRP-013: TERPENE ANALYSIS BY GC-MS/HS
(+)-FENCHONE, (1R)-ENDO-(+)-FENCHYLALCOHOL, CAMPHENE, CAMPHOR, CARYOPHYLLENE OXIDE, CEDROL, DELTA-3-CARENE, EUCALYPTOL, FENCHOL, GERANIOL, GERANYL ACETATE, GUAIOL, ISOBORNEOL, ISOPULEGOL, LIMONENE, NEROLIDOL, OCIMENE, PHELLANDRENE, PULEGONE, SABINENE, SABINENE HYDRATE, TERPINEOL 3, TERPINOLENE, VALENCENE, ALPHA-BISABOLOL, ALPHACEDRENE, ALPHA-HUMULENE, ALPHA-PHELLANDRENE, ALPHAPINENE, ALPHA-TERPINENE, BETA-MYRCENE, BETA-PINENE, CIS-NEROLIDOL, CIS-BETA-OCIMENE, GAMMA-TERPINENE, TRANS-CARYOPHYLLENE, TRANS-NEROLIDOL, TRANS-BETAOCIMENE

SOL-04: RESIDUAL SOLVENT ANALYSIS BY GC-MS
1,2-DICHLOROETHANE, 2,2-DIMETHYLBUTANE, 2,3dimethylbutane, 2-methylbutane, 2-methylpentane, 3methylpentane, Acetone, acetonitrile, benzene, BUTANE, CHLOROFORM, ETHANOL, ETHYL ACETATE, ETHYL ETHER, ETHYLENE OXIDE, HEPTANE, HEXANE, ISOBUTANE, ISOPROPYL ALCOHOL, METHANOL, METHYLENE CHLORIDE, neopentane, pentane, propane, toluene, total XYLENES, TRICHLOROETHYLENE, M-XYLENE, O-XYLENE, P- AND M-XYLENE, P-XYLENE

MET-05: HEAVY METALS ANALYSIS BY ICP-MS
ARSENIC, CADMIUM, CHROMIUM, COPPER, LEAD, MERCURY, NICKEL

PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS CHLORFENAPYR, METHYL PARATHION

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

