

## PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC  
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368Sample **Lime 10mg HHC 22KC3HCL (3.5g)**

|                   |                      |                  |                              |
|-------------------|----------------------|------------------|------------------------------|
| Sample ID         | SD220419-011 (46748) | Matrix           | Edible (Other Cannabis Good) |
| Tested for        | KOI CBD Company      |                  |                              |
| Sampled           | -                    | Received         | Apr 19, 2022                 |
|                   |                      | Reported         | Apr 20, 2022                 |
| Analyses executed | FP-NI20              | Unit Mass (g)    | 18.89                        |
|                   |                      | Serving Size (g) | 3.778                        |

Laboratory note : unit size = 5 pieces

## CAN20 - Cannabinoids Analysis

Analyzed Apr 20, 2022 | Instrument HPLC

Measurement Uncertainty at 95% confidence 7.806%

| Analyte  | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Result mg/Serving | Result mg/Package |
|--|----------|----------|----------|-------------|-------------------|-------------------|
| Cannabidiol (CBD)  | 0.039    | 0.16     | ND       | ND          | ND                | ND                |
| Cannabidiolol Acid (CBDA)  | 0.001    | 0.16     | ND       | ND          | ND                | ND                |
| Cannabigerol Acid (CBGA)   | 0.001    | 0.16     | ND       | ND          | ND                | ND                |
| Cannabigerol (CBG)   | 0.001    | 0.16     | ND       | ND          | ND                | ND                |
| Cannabidiol (CBD)  | 0.001    | 0.16     | ND       | ND          | ND                | ND                |
| Tetrahydrocannabivarin (THCV)  | 0.001    | 0.16     | ND       | ND          | ND                | ND                |
| Cannabinol (CBN)   | 0.001    | 0.16     | ND       | ND          | ND                | ND                |
| exo-THC (exo-THC)  | 0.016    | 0.8      | ND       | ND          | ND                | ND                |
| Tetrahydrocannabinol ( $\Delta^9$ -THC)                              | 0.003    | 0.16     | ND       | ND          | ND                | ND                |
| $\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)                  | 0.004    | 0.16     | ND       | ND          | ND                | ND                |
| (6aR,9S)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^10$ ) | 0.015    | 0.16     | ND       | ND          | ND                | ND                |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                              | 0.017    | 0.16     | 0.22     | 2.17        | 8.21              | 41.05             |
| (6aR,9R)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^10$ ) | 0.007    | 0.16     | ND       | ND          | ND                | ND                |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                              | 0.016    | 0.16     | 0.26     | 2.62        | 9.89              | 49.44             |
| Cannabichromene (CBC)  | 0.002    | 0.16     | ND       | ND          | ND                | ND                |
| Tetrahydrocannabinolic Acid (THCA)                                   | 0.001    | 0.16     | ND       | ND          | ND                | ND                |
| $\Delta^9$ -Tetrahydrocannabiphorol ( $\Delta^9$ -THCP)              | 0.017    | 0.16     | ND       | ND          | ND                | ND                |
| $\Delta^8$ -Tetrahydrocannabiphorol ( $\Delta^8$ -THCP)              | 0.041    | 0.16     | ND       | ND          | ND                | ND                |
| $\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THC-O)                       | 0.076    | 0.16     | ND       | ND          | ND                | ND                |
| $\Delta^9$ -THC-O-acetate ( $\Delta^9$ -THC-O)                       | 0.066    | 0.16     | ND       | ND          | ND                | ND                |
| Total THC (THCa * 0.877 + THC)                                       |          |          | ND       | ND          | 0.00              | ND                |
| Total CBD (CBDa * 0.877 + CBD)                                       |          |          | ND       | ND          | 0.00              | ND                |
| Total CBG (CBGa * 0.877 + CBG)                                       |          |          | ND       | ND          | 0.00              | ND                |
| Total HHC (9r-HHC + 9s-HHC)  |          |          | 0.48     | 4.79        | 18.10             | 90.49             |
| TOTAL CANNABINOIDS   |          |          | 0.48     | 4.79        | 18.10             | 90.49             |

ND Not Detected  
N/A Not Applicable  
NT Not Reported  
LOD Limit of Detection  
LOQ Limit of Quantification  
<LOQ Detected  
>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
TNTC Too Numerous to Count



RP0611043



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager  
Wed, 20 Apr 2022 17:28:09 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1

Laboratory note : unit size = 5 pieces

### HME - Heavy Metals Detection Analysis

Analyzed Apr 19, 2022 | Instrument ICP/MSMS | Method SOP-005

| Analyte      | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte      | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0002   | 0.05     | <LOQ        | 0.2        | Cadmium (Cd) | 3.0e-05  | 0.05     | <LOQ        | 0.2        |
| Mercury (Hg) | 1.0e-05  | 0.01     | <LOQ        | 0.1        | Lead (Pb)    | 1.0e-05  | 0.125    | <LOQ        | 0.5        |

Laboratory note : unit size = 5 pieces

### MIBNIG - Microbial Testing Analysis

Analyzed Apr 20, 2022 | Instrument Plating | Method SOP-007

| Analyte                                | Result CFU/g | Limit         | Analyte         | Result CFU/g | Limit         |
|--|--------------|---------------|-----------------|--------------|---------------|
| Shiga toxin-producing Escherichia Coli | ND           | ND per 1 gram | Salmonella spp. | ND           | ND per 1 gram |

Laboratory note : unit size = 5 pieces

### MTO - Mycotoxin Testing Analysis

Analyzed Apr 20, 2022 | Instrument LC/MSMS | Method SOP-004

| Analyte      | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | Limit ug/kg | Analyte          | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | Limit ug/kg |
|--------------|-----------|-----------|--------------------|-------------|------------------|-----------|-----------|--------------------|-------------|
| Ochratoxin A | 5.0       | 20.0      | ND                 | 20          | Aflatoxin B1     | 2.5       | 5.0       | ND                 |             |
| Aflatoxin B2 | 2.5       | 5.0       | ND                 |             | Aflatoxin G1     | 2.5       | 5.0       | ND                 |             |
| Aflatoxin G2 | 2.5       | 5.0       | ND                 |             | Total Aflatoxins | 10.0      | 20.0      | ND                 | 20          |

Laboratory note : unit size = 5 pieces

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 N/A Not Applicable  
 NT Not Reported  
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 <LOQ Detected  
 >ULOL Above upper limit of linearity  
 CFU/g Colony Forming Units per 1 gram  
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## PES - Pesticides Screening Analysis

Analyzed Apr 20, 2022 | Instrument LC/MSMS GC/MSMS | Method SOP-003

| Analyte                 | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte               | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|-------------------------|----------|----------|-------------|------------|-----------------------|----------|----------|-------------|------------|
| Aldicarb                | 0.0078   | 0.02     | ND          | 0.0078     | Carbofuran            | 0.01     | 0.02     | ND          | 0.01       |
| Dimethoate              | 0.01     | 0.02     | ND          | 0.01       | Etofenprox            | 0.02     | 0.1      | ND          | 0.02       |
| Fenoxycarb              | 0.01     | 0.02     | ND          | 0.01       | Thiachloprid          | 0.01     | 0.02     | ND          | 0.01       |
| Daminozide              | 0.01     | 0.03     | ND          | 0.01       | Dichlorvos            | 0.02     | 0.07     | ND          | 0.02       |
| Imazalil                | 0.02     | 0.07     | ND          | 0.02       | Methiocarb            | 0.01     | 0.02     | ND          | 0.01       |
| Spiroxamine             | 0.01     | 0.02     | ND          | 0.01       | Coumaphos             | 0.01     | 0.02     | ND          | 0.01       |
| Fipronil                | 0.01     | 0.1      | ND          | 0.01       | Paclobutrazol         | 0.01     | 0.03     | ND          | 0.01       |
| Chlorpyrifos            | 0.01     | 0.04     | ND          | 0.01       | Ethoprophos (Prophos) | 0.01     | 0.02     | ND          | 0.01       |
| Baygon (Propoxur)       | 0.01     | 0.02     | ND          | 0.01       | Chlordane             | 0.04     | 0.1      | ND          | 0.04       |
| Chlorfenapyr            | 0.03     | 0.1      | ND          | 0.03       | Methyl Parathion      | 0.02     | 0.1      | ND          | 0.02       |
| Mevinphos               | 0.03     | 0.08     | ND          | 0.03       | Abamectin             | 0.03     | 0.08     | ND          | 0.3        |
| Acephate                | 0.02     | 0.05     | ND          | 5          | Acetamiprid           | 0.01     | 0.05     | ND          | 5          |
| Azoxystrobin            | 0.01     | 0.02     | ND          | 40         | Bifenazate            | 0.01     | 0.05     | ND          | 5          |
| Bifenthrin              | 0.02     | 0.35     | ND          | 0.5        | Boscalid              | 0.01     | 0.03     | ND          | 10         |
| Carbaryl                | 0.01     | 0.02     | ND          | 0.5        | Chlorantraniliprole   | 0.01     | 0.04     | ND          | 40         |
| Clofentezine            | 0.01     | 0.03     | ND          | 0.5        | Diazinon              | 0.01     | 0.02     | ND          | 0.2        |
| Dimethomorph            | 0.02     | 0.06     | ND          | 20         | Etoazole              | 0.01     | 0.05     | ND          | 1.5        |
| Fenpyroximate           | 0.02     | 0.1      | ND          | 2          | Flonicamid            | 0.01     | 0.02     | ND          | 2          |
| Fludioxonil             | 0.01     | 0.05     | ND          | 30         | Hexythiazox           | 0.01     | 0.03     | ND          | 2          |
| Imidacloprid            | 0.01     | 0.05     | ND          | 3          | Kresoxim-methyl       | 0.01     | 0.03     | ND          | 1          |
| Malathion               | 0.01     | 0.05     | ND          | 5          | Metalaxyl             | 0.01     | 0.02     | ND          | 15         |
| Methomyl                | 0.02     | 0.05     | ND          | 0.1        | Myclobutanil          | 0.02     | 0.07     | ND          | 9          |
| Naled                   | 0.01     | 0.02     | ND          | 0.5        | Oxamyl                | 0.01     | 0.02     | ND          | 0.2        |
| Permethrin              | 0.01     | 0.02     | ND          | 20         | Phosmet               | 0.01     | 0.02     | ND          | 0.2        |
| Piperonyl Butoxide      | 0.02     | 0.06     | ND          | 8          | Propiconazole         | 0.03     | 0.08     | ND          | 20         |
| Prallethrin             | 0.02     | 0.05     | ND          | 0.4        | Pyrethrin             | 0.05     | 0.41     | ND          | 1          |
| Pyridaben               | 0.02     | 0.07     | ND          | 3          | Spinosad A            | 0.01     | 0.05     | ND          | 3          |
| Spinosad D              | 0.01     | 0.05     | ND          | 3          | Spiromesifen          | 0.02     | 0.06     | ND          | 12         |
| Spirotetramat           | 0.01     | 0.02     | ND          | 13         | Tebuconazole          | 0.01     | 0.02     | ND          | 2          |
| Thiamethoxam            | 0.01     | 0.02     | ND          | 4.5        | Trifloxystrobin       | 0.01     | 0.02     | ND          | 30         |
| Acequinocyl             | 0.02     | 0.09     | ND          | 4          | Captan                | 0.01     | 0.02     | ND          | 5          |
| Cypermethrin            | 0.02     | 0.1      | ND          | 1          | Cyfluthrin            | 0.04     | 0.1      | ND          | 1          |
| Fenhexamid              | 0.02     | 0.07     | ND          | 10         | Spinetoram J,L        | 0.02     | 0.07     | ND          | 3          |
| Pentachloronitrobenzene | 0.01     | 0.1      | ND          | 0.2        |                       |          |          |             |            |

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## RES - Residual Solvents Testing Analysis

Analyzed Apr 20, 2022 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

| Analyte                    | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte                      | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|----------------------------|----------|----------|-------------|------------|------------------------------|----------|----------|-------------|------------|
| Propane (Prop)             | 0.4      | 40.0     | ND          | 5000       | Butane (But)                 | 0.4      | 40.0     | ND          | 5000       |
| Methanol (Metha)           | 0.4      | 40.0     | 128.2       | 3000       | Ethylene Oxide (EthOx)       | 0.4      | 0.8      | ND          | 1          |
| Pentane (Pen)              | 0.4      | 40.0     | ND          | 5000       | Ethanol (Ethan)              | 0.4      | 40.0     | 706.0       | 5000       |
| Ethyl Ether (EthEt)        | 0.4      | 40.0     | ND          | 5000       | Acetone (Acet)               | 0.4      | 40.0     | <LOQ        | 5000       |
| Isopropanol (2-Pro)        | 0.4      | 40.0     | ND          | 5000       | Acetonitrile (Acetonit)      | 0.4      | 40.0     | ND          | 410        |
| Methylene Chloride (MetCh) | 0.4      | 0.8      | ND          | 1          | Hexane (Hex)                 | 0.4      | 40.0     | ND          | 290        |
| Ethyl Acetate (EthAc)      | 0.4      | 40.0     | ND          | 5000       | Chloroform (Clo)             | 0.4      | 0.8      | ND          | 1          |
| Benzene (Ben)              | 0.4      | 0.8      | ND          | 1          | 1-2-Dichloroethane (12-Dich) | 0.4      | 0.8      | ND          | 1          |
| Heptane (Hep)              | 0.4      | 40.0     | ND          | 5000       | Trichloroethylene (TriClEth) | 0.4      | 0.8      | ND          | 1          |
| Toluene (Toluene)          | 0.4      | 40.0     | ND          | 890        | Xylenes (Xyl)                | 0.4      | 40.0     | ND          | 2170       |

Laboratory note : unit size = 5 pieces

## FVI - Filth &amp; Foreign Material Inspection Analysis

Analyzed Apr 20, 2022 | Instrument Microscope | Method SOP-010

| Analyte / Limit  | Result | Analyte / Limit  | Result |
|--|--------|--|--------|
| > 1/4 of the total sample area covered by sand, soil, cinders, or dirt | ND     | > 1/4 of the total sample area covered by mold                         | ND     |
| > 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g       | ND     | > 1/4 of the total sample area covered by an imbedded foreign material | ND     |

Laboratory note : unit size = 5 pieces

## MWA - Moisture Content &amp; Water Activity Analysis

Analyzed Apr 20, 2022 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

| Analyte        | Result   | Limit   | Analyte             | Result              | Limit               |
|----------------|----------|---------|---------------------|---------------------|---------------------|
| Moisture (Moi) | 9.7 % Mw | 13 % Mw | Water Activity (WA) | 0.64 a <sub>w</sub> | 0.85 a <sub>w</sub> |

ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
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 LOQ Limit of Quantification  
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