

PharmLabs San Diego Certificate of Analysis



Sample **3ml Disposable w/Screen - Cosmic Blend - Gas Berry - Batch # 605466**

|            |    |      |    |                                |    |            |        |
|------------|----|------|----|--------------------------------|----|------------|--------|
| Delta9 THC | ND | THCa | ND | Total THC (THCa + 0.877 + THC) | ND | Delta8 THC | 80.12% |
|------------|----|------|----|--------------------------------|----|------------|--------|

|                   |                                                 |          |              |                 |              |
|-------------------|-------------------------------------------------|----------|--------------|-----------------|--------------|
| Sample ID         | SD250410-071 (110789)                           | Matrix   | Concentrate  | Batch ID/Lot ID | 605466       |
| Tested for        | Viva La Hemp                                    |          |              |                 |              |
| Sampled           | -                                               | Received | Apr 10, 2025 | Reported        | Apr 22, 2025 |
| Analyses executed | CANX, RES, MIBIG, MICX, MTO, PES, HME, FVI, D9C |          |              | Unit Mass (g)   | 3.0          |

Laboratory note: COA Update: 4/22/25 - Sample Photo Corrected as per client request  
Summary D9C: The total Δ9-THC content in this sample is 0.00%. For the most accurate Δ9-THC concentration, refer to the GC MS/MS section of this COA. This sample was tested using HPLC and GC MS/MS. HPLC analysis can yield inconsistent results for Δ8-THC and Δ9-THC due to isomer interference: GC MS/MS was employed to avoid this issue. Please note, if THCa is present, the Δ9-THC level measured by GC MS/MS might be higher due to decarboxylation.

D9C - D9 Confirmation

Analyzed Apr 04, 2025 | Instrument GC MS/MS | Method SOP-041 D9C  
The expanded Uncertainty of the D9 Confirmation analysis is approximately ±7.806% at the 95% Confidence Level

| Analyte                          | LOD<br>ppb | LOQ<br>ppb | Result<br>% | Result<br>mg/g | Result<br>mg/Unit |
|----------------------------------|------------|------------|-------------|----------------|-------------------|
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 1.462      | 4.432      | 0.00        | 0.00           | 0.00              |

CANx - Cannabinoids

Analyzed Apr 03, 2025 | Instrument HPLC-VWD | Method SOP-001  
The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

| Analyte                                                              | LOD<br>mg/g | LOQ<br>mg/g | Result<br>% | Result<br>mg/g | Result<br>mg/Unit | Sample photography |
|----------------------------------------------------------------------|-------------|-------------|-------------|----------------|-------------------|--------------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)                | 0.013       | 0.041       | ND          | ND             | ND                |                    |
| Cannabidiolcin (CBDO)                                                | 0.006       | 0.02        | ND          | ND             | ND                |                    |
| Abnormal Cannabidiolcin (a-CBDO)                                     | 0.013       | 0.038       | ND          | ND             | ND                |                    |
| (±)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)                          | 0.015       | 0.045       | ND          | ND             | ND                |                    |
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)                   | 0.015       | 0.045       | ND          | ND             | ND                |                    |
| Cannabidiolic Acid (CBDA)                                            | 0.033       | 0.16        | 0.24        | 2.38           | 7.14              |                    |
| Cannabigerol Acid (CBGA)                                             | 0.033       | 0.16        | ND          | ND             | ND                |                    |
| Cannabigerol (CBG)                                                   | 0.048       | 0.16        | ND          | ND             | ND                |                    |
| Cannabidiol (CBD)                                                    | 0.069       | 0.229       | ND          | ND             | ND                |                    |
| 1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)                              | 0.008       | 0.026       | ND          | ND             | ND                |                    |
| 1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)                              | 0.016       | 0.049       | ND          | ND             | ND                |                    |
| Tetrahydrocannabivarin (THCV)                                        | 0.049       | 0.162       | ND          | ND             | ND                |                    |
| Δ8-tetrahydrocannabivarin (Δ8-THCV)                                  | 0.012       | 0.036       | 0.36        | 3.56           | 10.68             |                    |
| Cannabidihexol (CBDH)                                                | 0.014       | 0.042       | ND          | ND             | ND                |                    |
| Tetrahydrocannabutol (Δ9-THCB)                                       | 0.01        | 0.029       | ND          | ND             | ND                |                    |
| Cannabinol (CBN)                                                     | 0.047       | 0.16        | 0.59        | 5.87           | 17.61             |                    |
| Cannabidiophorol (CBDP)                                              | 0.016       | 0.049       | ND          | ND             | ND                |                    |
| exo-THC (exo-THC)                                                    | 0.016       | 0.8         | ND          | ND             | ND                |                    |
| Tetrahydrocannabinol (Δ9-THC)                                        | 0.092       | 0.307       | D9C         | D9C            | D9C               |                    |
| Δ8-tetrahydrocannabinol (Δ8-THC)                                     | 0.044       | 0.16        | 80.12       | 801.22         | 2403.66           |                    |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)                     | 0.015       | 0.8         | ND          | ND             | ND                |                    |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                              | 0.017       | 0.8         | ND          | ND             | ND                |                    |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)                     | 0.007       | 0.8         | ND          | ND             | ND                |                    |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                              | 0.016       | 0.8         | ND          | ND             | ND                |                    |
| Tetrahydrocannabinolic Acid (THCA)                                   | 0.117       | 0.389       | ND          | ND             | ND                |                    |
| Δ9-Tetrahydrocannabinolhexol (Δ9-THCH)                               | 0.02        | 0.061       | ND          | ND             | ND                |                    |
| Cannabinol Acetate (CBNO)                                            | 0.009       | 0.027       | ND          | ND             | ND                |                    |
| 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa)                          | 0.063       | 0.065       | ND          | ND             | ND                |                    |
| 9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa)                          | 0.191       | 0.196       | ND          | ND             | ND                |                    |
| Δ9-Tetrahydrocannabiphorol (Δ9-THCP)                                 | 0.017       | 0.8         | 5.06        | 50.56          | 151.68            |                    |
| Δ8-Tetrahydrocannabiphorol (Δ8-THCP)                                 | 0.041       | 0.8         | ND          | ND             | ND                |                    |
| Cannabicitran (CBT)                                                  | 0.005       | 0.16        | ND          | ND             | ND                |                    |
| Δ8-THC-O-acetate (Δ8-THCO)                                           | 0.076       | 0.8         | ND          | ND             | ND                |                    |
| 9(S)-HHCP (s-HHCP)                                                   | 0.013       | 0.041       | ND          | ND             | ND                |                    |
| Δ9-THC-O-acetate (Δ9-THCO)                                           | 0.066       | 0.8         | ND          | ND             | ND                |                    |
| 9(R)-HHCP (r-HHCP)                                                   | 0.015       | 0.045       | ND          | ND             | ND                |                    |
| 9(S)-HHC-O-acetate (s-HHCO)                                          | 0.037       | 0.112       | ND          | ND             | ND                |                    |
| 9(R)-HHC-O-acetate (r-HHCO)                                          | 0.031       | 0.093       | ND          | ND             | ND                |                    |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)                          | 0.021       | 0.062       | ND          | ND             | ND                |                    |
| Total THC ( THCa + 0.877 + Δ9THC )                                   |             |             | D9C         | D9C            | D9C               |                    |
| Total THC + Δ8THC + Δ10THC ( THCa + 0.877 + Δ9THC + Δ8THC + Δ10THC ) |             |             | 80.12       | 801.22         | 2403.66           |                    |
| Total CBD ( CBDA + 0.877 + CBD )                                     |             |             | 0.21        | 2.09           | 6.26              |                    |
| Total CBG ( CBGA + 0.877 + CBG )                                     |             |             | ND          | ND             | ND                |                    |
| Total HHC ( 9r-HHC + 9s-HHC )                                        |             |             | ND          | ND             | ND                |                    |
| Total Cannabinoids Analyzed                                          |             |             | 86.33       | 863.30         | 2589.89           |                    |

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



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DEA license: RP0611043  
ISO/IEC 17025:2017 Acc. 85368



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager  
Tue, 22 Apr 2025 12:56:49 -0700

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HME - Heavy Metals

Analyzed Apr 20, 2025 | Instrument ICP/MSMS | Method SOP-005

| Analyte      | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0009   | 0.0027   | ND          | 0.2        |
| Cadmium (Cd) | 0.0005   | 0.0015   | ND          | 0.2        |
| Mercury (Hg) | 0.0058   | 0.0174   | ND          | 0.2        |
| Lead (Pb)    | 0.0006   | 0.0018   | ND          | 0.2        |

MIBIG - Microbial

Analyzed Apr 14, 2025 | Instrument qPCR and/or Plating | Method SOP-007

| Analyte                                | LOD CFU/g | LOQ CFU/g | Result CFU/g | Limit CFU/g |
|----------------------------------------|-----------|-----------|--------------|-------------|
| Shiga toxin-producing Escherichia Coli | 1.0       | 1.0       | ND           | 1           |
| Salmonella spp.                        | 1.0       | 1.0       | ND           | N/A         |
| Aspergillus fumigatus                  | 1.0       | 1.0       | ND           | 1           |
| Aspergillus flavus                     | 1.0       | 1.0       | ND           | 1           |
| Aspergillus niger                      | 1.0       | 1.0       | ND           | 1           |
| Aspergillus terreus                    | 1.0       | 1.0       | ND           | 1           |

MTO - Mycotoxin

Analyzed Apr 15, 2025 | Instrument LC/MSMS | Method SOP-004

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

UI Unidentified  
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



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PES - Pesticides

Analyzed Apr 15, 2025 | 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                | 0.01     | 0.02     | ND          | 0.02       | Carbofuran            | 0.01     | 0.02     | ND          | 0.02       |
| Dimethoate              | 0.01     | 0.02     | ND          | 0.02       | Etofenprox            | 0.02     | 0.1      | ND          | 0.1        |
| Fenoxycarb              | 0.01     | 0.02     | ND          | 0.02       | Thiachloprid          | 0.01     | 0.02     | ND          | 0.02       |
| Daminozide              | 0.01     | 0.03     | ND          | 0.03       | Dichlorvos            | 0.02     | 0.07     | ND          | 0.07       |
| Imazalil                | 0.02     | 0.07     | ND          | 0.07       | Methiocarb            | 0.01     | 0.02     | ND          | 0.02       |
| Spiroxamine             | 0.01     | 0.02     | ND          | 0.02       | Coumaphos             | 0.01     | 0.02     | ND          | 0.02       |
| Fipronil                | 0.01     | 0.1      | ND          | 0.1        | Paclobutrazol         | 0.01     | 0.03     | ND          | 0.03       |
| Chlorpyrifos            | 0.01     | 0.04     | ND          | 0.04       | Ethoprophos (Prophos) | 0.01     | 0.02     | ND          | 0.02       |
| Baygon (Propoxur)       | 0.01     | 0.02     | ND          | 0.02       | Chlordane             | 0.04     | 0.1      | ND          | 0.1        |
| Chlorfenapyr            | 0.03     | 0.1      | ND          | 0.1        | Methyl Parathion      | 0.02     | 0.1      | ND          | 0.1        |
| Mevinphos               | 0.03     | 0.08     | ND          | 0.08       | Abamectin             | 0.03     | 0.08     | ND          | 0.08       |
| Acephate                | 0.02     | 0.05     | ND          | 0.05       | Acetamiprid           | 0.01     | 0.05     | ND          | 0.05       |
| Azoxystrobin            | 0.01     | 0.02     | ND          | 0.02       | Bifenazote            | 0.01     | 0.05     | ND          | 0.05       |
| Bifenthrin              | 0.02     | 0.35     | ND          | 0.1        | Boscalid              | 0.01     | 0.03     | ND          | 0.03       |
| Carbaryl                | 0.01     | 0.02     | ND          | 0.02       | Chlorantranilprole    | 0.01     | 0.04     | ND          | 0.04       |
| Clofentezine            | 0.01     | 0.03     | ND          | 0.03       | Diazinon              | 0.01     | 0.02     | ND          | 0.02       |
| Dimethomorph            | 0.02     | 0.06     | ND          | 0.06       | Etoxazole             | 0.01     | 0.05     | ND          | 0.05       |
| Fenpyroximate           | 0.02     | 0.1      | ND          | 0.1        | Flonicamid            | 0.01     | 0.02     | ND          | 0.02       |
| Fludioxonil             | 0.01     | 0.05     | ND          | 0.05       | Hexythiazox           | 0.01     | 0.03     | ND          | 0.03       |
| Imidacloprid            | 0.01     | 0.05     | ND          | 0.05       | Kresoxim-methyl       | 0.01     | 0.03     | ND          | 0.03       |
| Malathion               | 0.01     | 0.05     | ND          | 0.05       | Metaxalyl             | 0.01     | 0.02     | <LOQ        | 0.02       |
| Methomyl                | 0.02     | 0.05     | ND          | 0.05       | Myclobutanil          | 0.02     | 0.07     | ND          | 0.07       |
| Naled                   | 0.01     | 0.02     | ND          | 0.02       | Oxamyl                | 0.01     | 0.02     | ND          | 0.02       |
| Permethrin              | 0.01     | 0.02     | ND          | 0.02       | Phosmet               | 0.01     | 0.02     | ND          | 0.02       |
| Piperonyl Butoxide      | 0.02     | 0.06     | ND          | 0.06       | Propiconazole         | 0.03     | 0.08     | ND          | 0.08       |
| Prallethrin             | 0.02     | 0.05     | ND          | 0.05       | Pyrethrin             | 0.05     | 0.41     | ND          | 0.1        |
| Pyridaben               | 0.02     | 0.07     | ND          | 0.07       | Spinosad A            | 0.01     | 0.05     | ND          | 0.05       |
| Spinosad D              | 0.01     | 0.05     | ND          | 0.05       | Spiromesifen          | 0.02     | 0.06     | ND          | 0.06       |
| Spirotetramat           | 0.01     | 0.02     | ND          | 0.02       | Tebuconazole          | 0.01     | 0.02     | ND          | 0.02       |
| Thiamethoxam            | 0.01     | 0.02     | ND          | 0.02       | Trifloxystrobin       | 0.01     | 0.02     | ND          | 0.02       |
| Acequinocyl             | 0.02     | 0.09     | ND          | 0.09       | Captan                | 0.01     | 0.02     | ND          | 0.02       |
| Cypermethrin            | 0.02     | 0.1      | ND          | 0.1        | Cyfluthrin            | 0.04     | 0.1      | ND          | 0.1        |
| Fenhexamid              | 0.02     | 0.07     | ND          | 0.07       | Spinetoram J.L        | 0.02     | 0.07     | ND          | 0.07       |
| Pentachloronitrobenzene | 0.01     | 0.1      | ND          | 0.1        | Chlormequat Chloride  | 0.02     | 0.1      | ND          | 0.1        |

RES - Residual Solvents

Analyzed Apr 17, 2025 | 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)             | 0.044    | 0.4      | ND          | N/A        | Butane (But)                 | 0.02     | 0.4      | 60.3        | 800        |
| Methanol (Metha)           | 1.176    | 3.92     | <LOQ        | N/A        | Ethylene Oxide (EthOx)       | 0.08     | 0.4      | ND          | N/A        |
| Pentane (Pen)              | 0.024    | 0.4      | ND          | N/A        | Ethanol (Ethan)              | 0.048    | 0.4      | <LOQ        | 5000       |
| Ethyl Ether (EthEt)        | 0.036    | 0.4      | ND          | N/A        | Acetone (Acet)               | 0.044    | 0.4      | <LOQ        | N/A        |
| Isopropanol (2-Pro)        | 1.16     | 3.868    | 46.9        | N/A        | Acetonitrile (Acetonit)      | 0.888    | 2.952    | <LOQ        | N/A        |
| Methylene Chloride (MetCh) | 0.04     | 0.4      | 1.8         | N/A        | Hexane (Hex)                 | 0.012    | 0.4      | 51.4        | 100        |
| Ethyl Acetate (EthAc)      | 0.032    | 0.4      | ND          | N/A        | Chloroform (Clo)             | 0.028    | 0.4      | ND          | N/A        |
| Benzene (Ben)              | 0.012    | 0.4      | ND          | N/A        | 1-2-Dichloroethane (12-Dich) | 0.024    | 0.4      | ND          | N/A        |
| Heptane (Hep)              | 0.012    | 0.4      | ND          | 500        | Trichloroethylene (TriClEth) | 0.072    | 0.4      | ND          | N/A        |
| Toluene                    | 0.036    | 0.4      | <LOQ        | N/A        | Xylenes (Xyl)                | 0.012    | 0.4      | ND          | N/A        |

FVI - Filth & Foreign Material Inspection

Analyzed Apr 10, 2025 | 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 | Negative | > 1/4 of the total sample area covered by mold                         | Negative |
| > 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g       | Negative | > 1/4 of the total sample area covered by an imbedded foreign material | Negative |

MICx - Microbial X

Analyzed Apr 14, 2025 | Instrument Plating | Method SOP-007

| Analyte                              | LOD CFU/G | LOQ CFU/G | Result CFU/G | Limit CFU/G |
|--------------------------------------|-----------|-----------|--------------|-------------|
| Total Yeast & Molds (TYM)            | 1.0       | 1.0       | ND           | 10000       |
| Listeria (LIS)                       | 1.0       | 1.0       | ND           | N/A         |
| Gram Negative Bacteria (BTGN)        | 1.0       | 1.0       | ND           | 1000        |
| Total Viable Aerobic Bacteria (TVAB) | 1.0       | 1.0       | ND           | 100000      |

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N/A Not Applicable  
NT Not Reported  
LOD Limit of Detection  
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>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
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