



# Certificate of Analysis

Regulatory Compliance Testing

1 of 3

ICAL ID: C 20240311-008  
Sample: CA240311-015-058  
Modified Grape - 1g PUSHpen  
Strain: Modified Grape - 1g PUSHpen  
Category: Concentrates & Extracts  
Type: Other

LB Atlantis, LLC  
Lic. # C11-0000369-LIC  
1445 SANTA FE AVE SUITE B  
LONG BEACH, CA 90813  
The Broccoli King, Inc, Olympic Extracts  
Lic. # CDPH-10002790  
2063 Pacific Ave Long Beach, CA 90806

Batch#: PSH - 1040  
Batch Size Collected: 15 units  
Total Batch Size: 250 units  
Collected: 03/11/2024; Received: 03/11/2024  
Completed: 03/14/2024

METRC Sample: 1A4060300009C4C000046694; METRC Batch: 1A40603000032DA000001239;

|  |   |                                  |   |                                 |
|--|---|----------------------------------|---|---------------------------------|
| Moisture<br>NT<br>Water Activity<br>NT | Total THC<br><b>891.59 mg/unit</b>        | Total CBD<br><b>1.08 mg/unit</b> | Total Cannabinoids<br><b>921.32 mg/unit</b> | Total Terpenes<br><b>2.587%</b> |
|  | Label: 911 mg/unit<br>% Difference: 2.13% | Label: <2.4<br>% Difference:     |   |                                 |

| Summary           | SOP Used                                   | Date Tested |          |
|-------------------|--|-------------|----------|
| Batch             |  |             | Pass     |
| Cannabinoids      | POT-PREP-001                               | 03/13/2024  | Pass     |
| Terpenes          | TERP-PREP-001                              | 03/13/2024  | Complete |
| Residual Solvents | RS-PREP-001                                | 03/13/2024  | Pass     |
| Microbials        | MICRO-PREP-001                             | 03/14/2024  | Pass     |
| Mycotoxins        | PESTMICO-LC-PREP-001                       | 03/13/2024  | Pass     |
| Heavy Metals      | HM-PREP-001                                | 03/13/2024  | Pass     |
| Foreign Matter    | FM-PREP-001                                | 03/12/2024  | Pass     |
| Pesticides        | PESTMICO-LC-PREP-001 /<br>PEST-GC-PREP-001 | 03/14/2024  | Pass     |



Scan to see results

## Cannabinoid Profile

1 Unit = vape cartridge, 1 g.

| Analyte | LOQ (mg/g) | LOD (mg/g) | Labeled | % Diff | %      | mg/g   | mg/unit | Analyte          | LOQ (mg/g) | LOD (mg/g) | Labeled | % Diff | %                  | mg/g          | mg/unit       |               |               |
|---------|------------|------------|---------|--------|--------|--------|---------|------------------|------------|------------|---------|--------|--------------------|---------------|---------------|---------------|---------------|
| THCa    | 0.3680     | 0.0924     | -       | -      | ND     | ND     | ND      | CBGa             | 0.3965     | 0.1322     | -       | -      | ND                 | ND            | ND            |               |               |
| Δ9-THC  | 0.3680     | 0.1024     | -       | -      | 88.836 | 888.36 | 888.36  | CBG              | 0.3920     | 0.1307     | -       | -      | 1.343              | 13.43         | 13.43         |               |               |
| Δ8-THC  | 0.3680     | 0.0506     | -       | -      | 0.323  | 3.23   | 3.23    | CBL              | 0.3680     | 0.1106     | -       | -      | ND                 | ND            | ND            |               |               |
| THCV    | 0.3680     | 0.0423     | -       | -      | 0.503  | 5.03   | 5.03    | CBN              | 0.3680     | 0.0780     | -       | -      | 0.390              | 3.90          | 3.90          |               |               |
| CBDa    | 0.3680     | 0.0951     | -       | -      | ND     | ND     | ND      | CBT              | 0.3680     | 0.0906     | -       | -      | 0.106              | 1.06          | 1.06          |               |               |
| CBD     | 0.3680     | 0.0815     | -       | -      | 0.108  | 1.08   | 1.08    | <b>Total THC</b> |            |            |         |        | <b>911 mg/unit</b> | <b>2.13%</b>  | <b>891.16</b> | <b>891.59</b> | <b>891.59</b> |
| CBDV    | 0.3680     | 0.0421     | -       | -      | ND     | ND     | ND      | <b>Total CBD</b> |            |            |         |        | <b>&lt;2.4</b>     | <b>0.11</b>   | <b>1.08</b>   | <b>1.08</b>   |               |
| CBC     | 0.4549     | 0.1516     | -       | -      | 0.523  | 5.23   | 5.23    | <b>Total</b>     |            |            |         |        | <b>92.13</b>       | <b>921.32</b> | <b>921.32</b> |               |               |

Total THC=THCa \* 0.877 + d9-THC + d8-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005);Moisture:Moisture Analyzer(MOISTURE-001);Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

## Terpene Profile

| Analyte         | LOQ (mg/g) | LOD (mg/g) | %     | mg/g | Analyte             | LOQ (mg/g) | LOD (mg/g) | %            | mg/g         |
|-----------------|------------|------------|-------|------|---------------------|------------|------------|--------------|--------------|
| δ-Limonene      | 0.31       | 0.05       | 0.718 | 7.18 | Camphor             | 0.37       | 0.12       | ND           | ND           |
| β-Myrcene       | 0.15       | 0.02       | 0.543 | 5.43 | Caryophyllene Oxide | 0.60       | 0.13       | ND           | ND           |
| Linalool        | 0.15       | 0.03       | 0.514 | 5.14 | Cedrol              | 0.15       | 0.04       | ND           | ND           |
| β-Caryophyllene | 0.68       | 0.23       | 0.387 | 3.87 | cis-Nerolidol       | 0.26       | 0.09       | ND           | ND           |
| β-Pinene        | 0.31       | 0.02       | 0.100 | 1.00 | Citronellol         | 0.60       | 0.14       | ND           | ND           |
| α-Bisabolol     | 0.16       | 0.05       | 0.081 | 0.81 | δ-3-Carene          | 0.31       | 0.03       | ND           | ND           |
| α-Pinene        | 0.15       | 0.03       | 0.055 | 0.55 | Eucalyptol          | 0.22       | 0.07       | ND           | ND           |
| Geranyl Acetate | 0.15       | 0.02       | 0.052 | 0.52 | Fenchone            | 0.15       | 0.01       | ND           | ND           |
| Fenchol         | 0.15       | 0.03       | 0.047 | 0.47 | Geraniol            | 0.61       | 0.14       | ND           | ND           |
| α-Terpineol     | 0.15       | 0.05       | 0.043 | 0.43 | Isoborneol          | 0.15       | 0.02       | ND           | ND           |
| α-Humulene      | 0.15       | 0.03       | 0.030 | 0.30 | Menthol             | 0.17       | 0.06       | ND           | ND           |
| γ-Terpinene     | 0.15       | 0.03       | 0.016 | 0.16 | (-)-Guaiaol         | 0.15       | 0.03       | ND           | ND           |
| α-Cedrene       | 0.15       | 0.03       | ND    | ND   | Pulegone            | 0.18       | 0.06       | ND           | ND           |
| α-Terpinene     | 0.15       | 0.05       | ND    | ND   | p-Cymene            | 1.07       | 0.36       | ND           | ND           |
| β-Eudesmol      | 0.19       | 0.06       | ND    | ND   | Terpinolene         | 0.15       | 0.01       | <LOQ         | <LOQ         |
| Borneol         | 0.15       | 0.03       | ND    | ND   | trans-Nerolidol     | 0.23       | 0.08       | ND           | ND           |
| Camphene        | 0.15       | 0.01       | <LOQ  | <LOQ | <b>Total</b>        |            |            | <b>2.587</b> | <b>25.87</b> |

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



Infinite Chemical Analysis Labs  
8312 Miramar Mall  
San Diego, CA  
(858) 623-2740  
www.infiniteCAL.com  
Lic# C8-0000047-LIC

*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
03/14/2024

Confident LIMS  
All Rights Reserved  
coa.support@confidentlims.com  
(866) 506-5866  
www.confidentlims.com



This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.



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Completed: 03/14/2024

METRC Sample: 1A4060300009C4C000046694; METRC Batch: 1A40603000032DA000001239;

## Residual Solvent Analysis

| Category 1          | LOQ  | LOD    | Limit | Status | Category 2 | LOQ           | LOD   | Limit  | Status |      |      |
|---------------------|------|--------|-------|--------|------------|---------------|-------|--------|--------|------|------|
|                     | µg/g | µg/g   | µg/g  | µg/g   |            | µg/g          | µg/g  | µg/g   | µg/g   |      |      |
| 1,2-Dichloro-Ethane | ND   | 0.509  | 0.17  | 1      | Pass       | Acetone       | 670.2 | 51.246 | 17.082 | 5000 | Pass |
| Benzene             | ND   | 0.064  | 0.021 | 1      | Pass       | Acetonitrile  | ND    | 0.359  | 0.12   | 410  | Pass |
| Chloroform          | ND   | 0.108  | 0.036 | 1      | Pass       | Butane        | ND    | 4.849  | 0.971  | 5000 | Pass |
| Ethylene Oxide      | ND   | 0.579  | 0.153 | 1      | Pass       | Ethanol       | 717.7 | 7.843  | 2.614  | 5000 | Pass |
| Methylene-Chloride  | ND   | 0.7288 | 0.127 | 1      | Pass       | Ethyl-Acetate | ND    | 2.288  | 0.313  | 5000 | Pass |
| Trichloroethene     | ND   | 0.145  | 0.018 | 1      | Pass       | Ethyl-Ether   | ND    | 3.548  | 1.183  | 5000 | Pass |
|                     |      |        |       |        |            | Heptane       | ND    | 2.859  | 0.687  | 5000 | Pass |
|                     |      |        |       |        |            | n-Hexane      | ND    | 0.2807 | 0.066  | 290  | Pass |
|                     |      |        |       |        |            | Isopropanol   | ND    | 3.8401 | 1.28   | 5000 | Pass |
|                     |      |        |       |        |            | Methanol      | ND    | 8.917  | 2.972  | 3000 | Pass |
|                     |      |        |       |        |            | Pentane       | ND    | 4.271  | 0.962  | 5000 | Pass |
|                     |      |        |       |        |            | Propane       | ND    | 13.302 | 4.434  | 5000 | Pass |
|                     |      |        |       |        |            | Toluene       | ND    | 0.864  | 0.088  | 890  | Pass |
|                     |      |        |       |        |            | Xylenes       | ND    | 2.572  | 0.216  | 2170 | Pass |

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

## Heavy Metal Screening

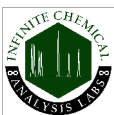
|         | LOQ  | LOD   | Limit | Status |      |
|---------|------|-------|-------|--------|------|
|         | µg/g | µg/g  | µg/g  | µg/g   |      |
| Arsenic | ND   | 0.009 | 0.003 | 0.2    | Pass |
| Cadmium | ND   | 0.002 | 0.001 | 0.2    | Pass |
| Lead    | ND   | 0.004 | 0.001 | 0.5    | Pass |
| Mercury | ND   | 0.014 | 0.005 | 0.1    | Pass |

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

## Microbiological Screening

|                       | Limit | Result       | Status |
|-----------------------|-------|--------------|--------|
|                       | CFU/g | CFU/g        |        |
| Aspergillus flavus    |       | Not Detected | Pass   |
| Aspergillus fumigatus |       | Not Detected | Pass   |
| Aspergillus niger     |       | Not Detected | Pass   |
| Aspergillus terreus   |       | Not Detected | Pass   |
| STEC                  |       | Not Detected | Pass   |
| Salmonella SPP        |       | Not Detected | Pass   |

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



Infinite Chemical Analysis Labs  
8312 Miramar Mall  
San Diego, CA  
(858) 623-2740  
www.infiniteCAL.com  
Lic# C8-0000047-LIC

*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
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coa.support@confidentlims.com  
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Strain: Modified Grape - 1g PUSHpen  
Category: Concentrates & Extracts  
Type: Other

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Total Batch Size: 250 units  
Collected: 03/11/2024; Received: 03/11/2024  
Completed: 03/14/2024

METRC Sample: 1A4060300009C4C000046694; METRC Batch: 1A40603000032DA000001239;

## Chemical Residue Screening

| Category 1       | LOQ  | LOD   | Status | Mycotoxins | LOQ              | LOD   | Limit | Status |        |      |
|------------------|------|-------|--------|------------|------------------|-------|-------|--------|--------|------|
|                  | µg/g | µg/g  | µg/g   |            | µg/kg            | µg/kg | µg/kg | µg/kg  |        |      |
| Aldicarb         | ND   | 0.030 | 0.008  | Pass       | B1               | ND    | 8.98  | 2.96   | Tested |      |
| Carbofuran       | ND   | 0.030 | 0.005  | Pass       | B2               | ND    | 10.17 | 3.36   | Tested |      |
| Chlordane        | ND   | 0.075 | 0.025  | Pass       | G1               | ND    | 5.25  | 1.73   | Tested |      |
| Chlorfenapyr     | ND   | 0.075 | 0.025  | Pass       | G2               | ND    | 6.26  | 2.07   | Tested |      |
| Chlorpyrifos     | ND   | 0.046 | 0.015  | Pass       | Ochratoxin A     | ND    | 13.37 | 4.41   | 20     | Pass |
| Coumaphos        | ND   | 0.030 | 0.004  | Pass       | Total Aflatoxins | ND    |       | 20     | Pass   |      |
| Daminozide       | ND   | 0.053 | 0.018  | Pass       |                  |       |       |        |        |      |
| Dichlorvos       | ND   | 0.055 | 0.018  | Pass       |                  |       |       |        |        |      |
| Dimethoate       | ND   | 0.030 | 0.006  | Pass       |                  |       |       |        |        |      |
| Ethoprophos      | ND   | 0.030 | 0.006  | Pass       |                  |       |       |        |        |      |
| Etofenprox       | ND   | 0.030 | 0.004  | Pass       |                  |       |       |        |        |      |
| Fenoxycarb       | ND   | 0.030 | 0.004  | Pass       |                  |       |       |        |        |      |
| Fipronil         | ND   | 0.050 | 0.017  | Pass       |                  |       |       |        |        |      |
| Imazalil         | ND   | 0.030 | 0.009  | Pass       |                  |       |       |        |        |      |
| Methiocarb       | ND   | 0.030 | 0.002  | Pass       |                  |       |       |        |        |      |
| Mevinphos        | ND   | 0.030 | 0.008  | Pass       |                  |       |       |        |        |      |
| Paclbutrazol     | ND   | 0.030 | 0.009  | Pass       |                  |       |       |        |        |      |
| Parathion Methyl | ND   | 0.024 | 0.008  | Pass       |                  |       |       |        |        |      |
| Propoxur         | ND   | 0.030 | 0.008  | Pass       |                  |       |       |        |        |      |
| Spiroxamine      | ND   | 0.030 | 0.006  | Pass       |                  |       |       |        |        |      |
| Thiacloprid      | ND   | 0.030 | 0.005  | Pass       |                  |       |       |        |        |      |

| Category 2          | LOQ  | LOD   | Limit | Status | Category 2 | LOQ                     | LOD  | Limit | Status |     |      |
|---------------------|------|-------|-------|--------|------------|-------------------------|------|-------|--------|-----|------|
|                     | µg/g | µg/g  | µg/g  | µg/g   |            | µg/g                    | µg/g | µg/g  | µg/g   |     |      |
| Abamectin           | ND   | 0.099 | 0.033 | 0.1    | Pass       | Kresoxim Methyl         | ND   | 0.030 | 0.007  | 0.1 | Pass |
| Acephate            | ND   | 0.030 | 0.007 | 0.1    | Pass       | Malathion               | ND   | 0.030 | 0.003  | 0.5 | Pass |
| Acequinocyl         | ND   | 0.046 | 0.015 | 0.1    | Pass       | Metalaxyl               | ND   | 0.030 | 0.005  | 2   | Pass |
| Acetamiprid         | ND   | 0.030 | 0.005 | 0.1    | Pass       | Methomyl                | ND   | 0.030 | 0.009  | 1   | Pass |
| Azoxystrobin        | ND   | 0.030 | 0.005 | 0.1    | Pass       | Myclobutanil            | ND   | 0.030 | 0.007  | 0.1 | Pass |
| Bifenazate          | ND   | 0.030 | 0.007 | 0.1    | Pass       | Naled                   | ND   | 0.030 | 0.008  | 0.1 | Pass |
| Bifenthrin          | ND   | 0.030 | 0.004 | 3      | Pass       | Oxamyl                  | ND   | 0.030 | 0.007  | 0.5 | Pass |
| Boscalid            | ND   | 0.030 | 0.008 | 0.1    | Pass       | Pentachloronitrobenzene | ND   | 0.054 | 0.018  | 0.1 | Pass |
| Captan              | ND   | 0.358 | 0.120 | 0.7    | Pass       | Permethrin              | ND   | 0.030 | 0.002  | 0.5 | Pass |
| Carbaryl            | ND   | 0.030 | 0.006 | 0.5    | Pass       | Phosmet                 | ND   | 0.030 | 0.005  | 0.1 | Pass |
| Chlorantraniliprole | ND   | 0.030 | 0.009 | 10     | Pass       | Piperonyl Butoxide      | ND   | 0.030 | 0.003  | 3   | Pass |
| Clofentezine        | ND   | 0.030 | 0.002 | 0.1    | Pass       | Prallethrin             | ND   | 0.071 | 0.023  | 0.1 | Pass |
| Cyfluthrin          | ND   | 0.056 | 0.019 | 2      | Pass       | Propiconazole           | ND   | 0.030 | 0.009  | 0.1 | Pass |
| Cypermethrin        | ND   | 0.181 | 0.060 | 1      | Pass       | Pyrethrins              | ND   | 0.030 | 0.003  | 0.5 | Pass |
| Diazinon            | ND   | 0.030 | 0.005 | 0.1    | Pass       | Pyridaben               | ND   | 0.030 | 0.002  | 0.1 | Pass |
| Dimethomorph        | ND   | 0.030 | 0.005 | 2      | Pass       | Spinetoram              | ND   | 0.030 | 0.001  | 0.1 | Pass |
| Etoxazole           | ND   | 0.030 | 0.004 | 0.1    | Pass       | Spinosad                | ND   | 0.030 | 0.001  | 0.1 | Pass |
| Fenhexamid          | ND   | 0.034 | 0.011 | 0.1    | Pass       | Spiromesifen            | ND   | 0.030 | 0.009  | 0.1 | Pass |
| Fenpyroximate       | ND   | 0.030 | 0.004 | 0.1    | Pass       | Spirotetramat           | ND   | 0.030 | 0.008  | 0.1 | Pass |
| Flonicamid          | ND   | 0.035 | 0.012 | 0.1    | Pass       | Tebuconazole            | ND   | 0.030 | 0.006  | 0.1 | Pass |
| Fludioxonil         | ND   | 0.036 | 0.012 | 0.1    | Pass       | Thiamethoxam            | ND   | 0.030 | 0.008  | 5   | Pass |
| Hexythiazox         | ND   | 0.030 | 0.001 | 0.1    | Pass       | Trifloxystrobin         | ND   | 0.030 | 0.003  | 0.1 | Pass |
| Imidacloprid        | ND   | 0.033 | 0.011 | 5      | Pass       |                         |      |       |        |     |      |

### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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