

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368

Sample **PR510GEL**

Sample ID **SD210604-005 (42671)** Matrix **Flower (Inhalable Cannabis Good)**
Tested for **PUFF XTRAX**
Sampled - Received **May 28, 2021** Reported **June 4, 2021**
Analyses executed **CAN+, RES, MIBIG, PES, HME**

***CAN+ - Cannabinoid Profile Analysis**

Analyzed **May 17, 2021** | Instrument **HPLC-VWD** | Method **SOP-001**
Measurement Uncertainty at 95% confidence **7.806%**

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|----------|----------|----------|-------------|
| Cannabidivarin (CBDV) | 0.002 | 0.8 | ND | ND |
| Cannabidiolic Acid (CBDA) | 0.001 | 0.012 | 6.25 | 62.47 |
| Cannabigerol Acid (CBGA) | 0.001 | 0.012 | 0.26 | 2.57 |
| Cannabigerol (CBG) | 0.001 | 0.012 | 0.05 | 0.47 |
| Cannabidiol (CBD) | 0.001 | 0.012 | 0.49 | 4.89 |
| Tetrahydrocannabivarin (THCV) | 0.001 | 0.012 | NT | NT |
| Cannabinol (CBN) | 0.001 | 0.012 | NT | NT |
| Tetrahydrocannabinol (Δ^9 -THC) | 0.003 | 0.012 | ND | ND |
| Δ^8 -tetrahydrocannabinol (Δ^8 -THC) | 0.004 | 0.012 | 19.23 | 192.26 |
| Cannabicyclol (CBL) | 0.002 | 0.006 | ND | ND |
| Cannabichromene (CBC) | 0.002 | 0.005 | ND | ND |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.012 | ND | ND |
| Total THC (THCa * 0.877 + THC) | | | ND | ND |
| Total CBD (CBDa * 0.877 + CBD) | | | 5.97 | 59.67 |
| Total CBG (CBGa * 0.877 + CBG) | | | 0.27 | 2.72 |
| TOTAL CANNABINOIDS | | | 25.47 | 254.76 |

*Dry Weight %

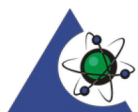
Sample photography

**HME - Heavy Metals Detection Analysis**

Analyzed **May 18, 2021** | 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 | 1.5 | Cadmium (Cd) | 3.0e-05 | 0.05 | <LOQ | 0.5 |
| Mercury (Hg) | 1.0e-05 | 0.01 | <LOQ | 3 | Lead (Pb) | 1.0e-05 | 0.125 | <LOQ | 0.5 |

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



PJLA
Testing
Accreditation #85368

Authorized Signature

Dr. Lia Prevedello, Laboratory Director
Tue, 18 May 2021 14:56:59 -0700

MIBIG - Microbial Testing Analysis

Analyzed May 17, 2021 | Instrument qPCR and/or 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 |
| Aspergillus fumigatus | ND | ND per 1 gram | Aspergillus flavus | ND | ND per 1 gram |
| Aspergillus niger | ND | ND per 1 gram | Aspergillus terreus | ND | ND per 1 gram |

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PES - Pesticides Screening Analysis

Analyzed May 14, 2021 | 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 | 0.1 |
| Acephate | 0.02 | 0.05 | ND | 0.1 | Acetamiprid | 0.01 | 0.05 | ND | 0.1 |
| Azoxystrobin | 0.01 | 0.02 | ND | 0.1 | Bifenazate | 0.01 | 0.05 | ND | 0.1 |
| Bifenthrin | 0.02 | 0.35 | ND | 3 | Boscalid | 0.01 | 0.03 | ND | 0.1 |
| Carbaryl | 0.01 | 0.02 | ND | 0.5 | Chlorantraniliprole | 0.01 | 0.04 | ND | 10 |
| Clofentezine | 0.01 | 0.03 | ND | 0.1 | Diazinon | 0.01 | 0.02 | ND | 0.1 |
| Dimethomorph | 0.02 | 0.06 | ND | 2 | Etoazole | 0.01 | 0.05 | ND | 0.1 |
| Fenpyroximate | 0.02 | 0.1 | ND | 0.1 | Flonicamid | 0.01 | 0.02 | ND | 0.1 |
| Fludioxonil | 0.01 | 0.05 | ND | 0.1 | Hexythiazox | 0.01 | 0.03 | ND | 0.1 |
| Imidacloprid | 0.01 | 0.05 | ND | 5 | Kresoxim-methyl | 0.01 | 0.03 | ND | 0.1 |
| Malathion | 0.01 | 0.05 | ND | 0.5 | Metalaxyl | 0.01 | 0.02 | ND | 2 |
| Methomyl | 0.02 | 0.05 | ND | 1 | Myclobutanil | 0.02 | 0.07 | ND | 0.1 |
| Naled | 0.01 | 0.02 | ND | 0.1 | Oxamyl | 0.01 | 0.02 | ND | 0.5 |
| Permethrin | 0.01 | 0.02 | ND | 0.5 | Phosmet | 0.01 | 0.02 | ND | 0.1 |
| Piperonyl Butoxide | 0.02 | 0.06 | ND | 3 | Propiconazole | 0.03 | 0.08 | ND | 0.1 |
| Prallethrin | 0.02 | 0.05 | ND | 0.1 | Pyrethrin | 0.05 | 0.41 | ND | 0.5 |
| Pyridaben | 0.02 | 0.07 | ND | 0.1 | Spinosad A | 0.01 | 0.05 | ND | 0.1 |
| Spinosad D | 0.01 | 0.05 | ND | 0.1 | Spiromesifen | 0.02 | 0.06 | ND | 0.1 |
| Spirotetramat | 0.01 | 0.02 | ND | 0.1 | Tebuconazole | 0.01 | 0.02 | ND | 0.1 |
| Thiamethoxam | 0.01 | 0.02 | ND | 5 | Trifloxystrobin | 0.01 | 0.02 | ND | 0.1 |
| Acequinocyl | 0.02 | 0.09 | ND | 0.1 | Captan | 0.01 | 0.02 | ND | 0.7 |
| Cypermethrin | 0.02 | 0.1 | ND | 1 | Cyfluthrin | 0.04 | 0.1 | ND | 2 |
| Fenhexamid | 0.02 | 0.07 | ND | 0.1 | Spinetoram J,L | 0.02 | 0.07 | ND | 0.1 |
| Pentachloronitrobenzene | 0.01 | 0.1 | ND | 0.1 | | | | | |

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RES - Residual Solvents Testing Analysis

Analyzed May 14, 2021 | 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 | ND | 3000 | Ethylene Oxide (EthOx) | 0.4 | 0.8 | ND | 1 |
| Pentane (Pen) | 0.4 | 40.0 | ND | 5000 | Ethanol (Ethan) | 0.4 | 40.0 | ND | 5000 |
| Ethyl Ether (EthEt) | 0.4 | 40.0 | ND | 5000 | Acetone (Acet) | 0.4 | 40.0 | ND | 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 |

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