Lemon G (CBG)



COA - Legal Compliance Test

sclabs™

Pre-Harvest Hemp Lab Test Report
CERTIFICATE OF ANALYSIS

DATE ISSUED 10/23/2020 | RESULT: PASS

PASSED AS CALIFORNIA INDUSTRIAL HEMP[1,2]

CULTIVATOR / MANUFACTURER

Cultivar Name: Lemon G



SAMPLE DETAIL

Sample ID: 35-190017S-012
Date of Sampling: 10/19/2020
Sampler Name: Ken Griffin
Sampler Company: County of San Benito Agricultural Commissioner's Office

Date Received: 10/19/2020
Received By: Jamie Livengood
Date Tested: 10/22/2020
Tested By: Jackson Waite-Himmelwright

Scan QR code to verify authenticity of results.

INDUSTRIAL HEMP ANALYSIS

Cannabinoid Test Results - 10/22/2020

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.0%
Total THC (Δ9THC+0.877*THCa)

Δ9THC: 0.05%

THCa: ND

TOTAL CBD: <LOQ
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 5.99%
Total Cannabinoids (Δ9THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ8THC + CBL + CBN

MOISTURE: NT

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBGa	0.1 / 0.4	±2.19	31.6	3.16
CBG	0.2 / 0.5	±2.65	31.1	3.11
CBC	0.1 / 0.2	±0.05	1.1	0.11
Δ9THC	0.1 / 0.4	±0.02	0.5	0.05
CBD	0.1 / 0.3	N/A	<LOQ	<LOQ
CBCa	0.1 / 0.4	N/A	<LOQ	<LOQ
Δ8THC	0.05 / 0.15	N/A	ND	ND
THCa	0.04 / 0.12	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.15	N/A	ND	ND
CBDa	0.06 / 0.17	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.06	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
SUM OF CANNABINOIDS			64.3 mg/g	6.43%

These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

1) As defined by the 2018 Farm Bill, hemp must contain no more than 0.3% Total THC, defined as the

COA - Fully Matured Test (30 days post compliance)

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Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 09/03/2020

SAMPLE NAME: Lemon G #2

Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR



SAMPLE DETAIL

Batch Number:
Sample ID: 200901P023

Date Collected: 09/01/2020
Date Received: 09/01/2020
Batch Size:
Sample Size:
Unit Mass:
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

CALCULATED USING DRY-WEIGHT

Total THC: 0.1%

Total CBD: Not Detected

Sum of Cannabinoids: 18.19%

Total Cannabinoids: 16.14%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ9THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ9THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ8THC + CBL + CBN
Total Cannabinoids = (Δ9THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ8THC + CBL + CBN

Moisture: 8.8%

Density: NT

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

Pesticides: NT

Mycotoxins: NT

Residual Solvents: NT

Heavy Metals: NT

Microbial Impurities (PCR): NT

Microbial Impurities (Plating): NT

Foreign Material: NT

Water Activity: NT

Vitamin E Acetate: NT

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

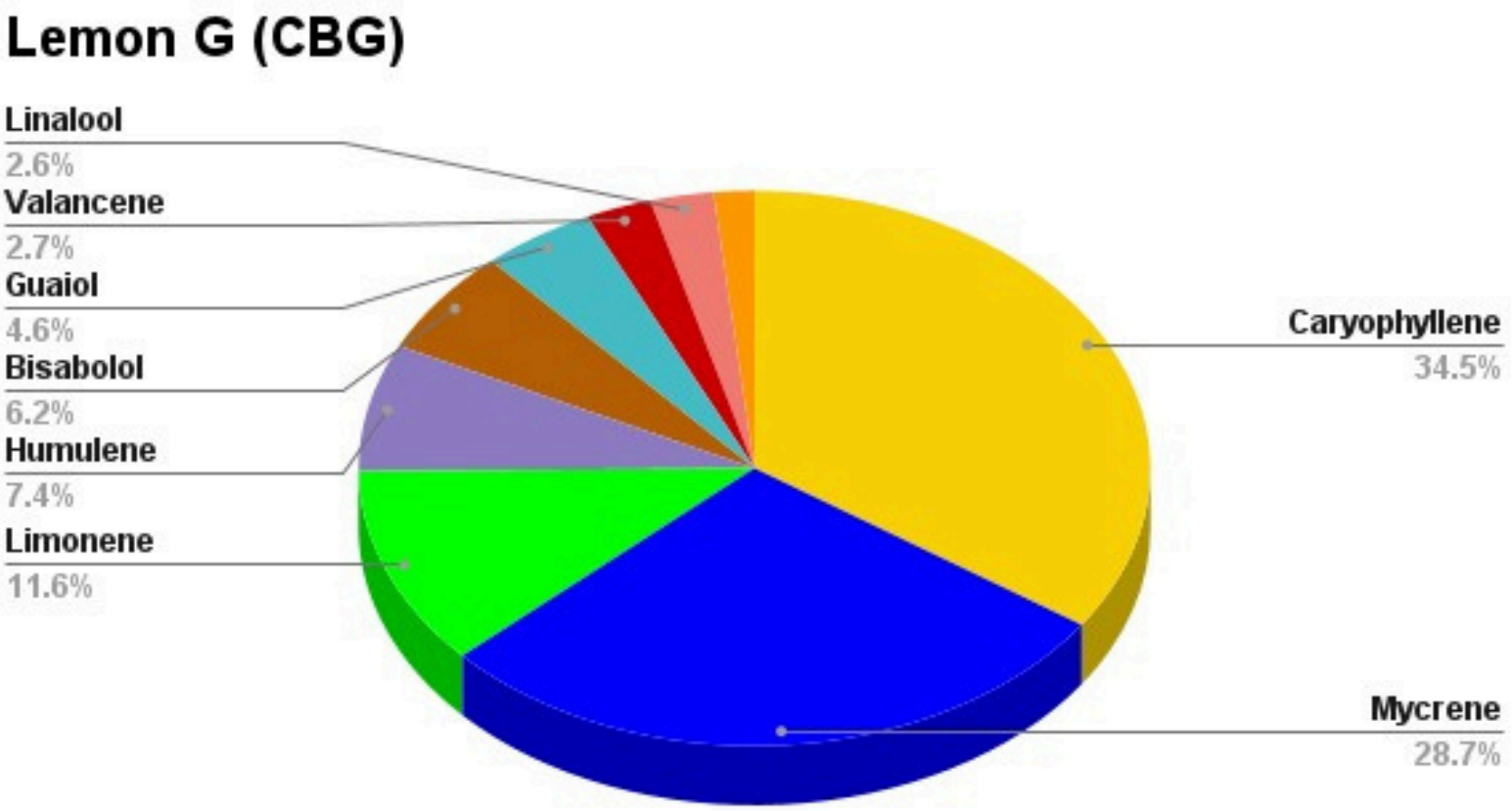
Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013,

Terpene Analysis

Analysis: Terpenes (continued)

	LOQ (µg/g)	Results (µg/g)
α-Pinene	0.34	87.09
Camphene	0.33	25.32
Sabinene	0.99	< LOQ
β-Myrcene	1.00	2181.86
beta-Pinene	0.33	126.38
α-Phellandrene	1.00	< LOQ
(1S)-(+)-3-Cerene	0.99	< LOQ
α-Terpinene	0.33	0.74
D-Limonene	0.99	886.15
Ocimene	0.79	< LOQ
Eucalyptol	1.00	< LOQ
γ-Terpinene	0.33	1.39
Terpinolene	0.99	< LOQ
Sabinene Hydrate	1.00	< LOQ
Linalool	1.00	197.04
Fenchone	0.22	29.39
(1R)-endo-(+)-Fenchyl alcohol	0.33	91.87
(-)-Isopulegol	2.99	< LOQ
Camphor	0.33	< LOQ
Isoborneol	2.99	< LOQ
dl-Menthol	1.00	< LOQ
Borneol	0.22	22.21
α-Terpineol	0.81	104.59
γ-Terpineol	0.55	< LOQ
Nerol	2.99	< LOQ
Geraniol	8.94	< LOQ
(+)-Pulegone	0.99	< LOQ
Geranyl acetate	2.98	< LOQ
α-Cedrene	0.33	< LOQ
trans-Caryophyllene	3.00	2629.68
α-Humulene	0.33	565.51
α-Farnesene	26.94	< LOQ
Valencene	3.00	205.79
cis-Nerolidol	2.99	< LOQ
trans-Nerolidol	3.00	55.77
Guaiol	0.99	351.69
(-)-Caryophyllene oxide	8.98	139.34
(+)-Cedrol	1.00	< LOQ
(-)-α-Bisabolol	2.99	469.67

Terpene Chart



Germination & Purity Report

Colorado Seed Laboratory

Dept of Soil & Crop Sciences, CSU
Fort Collins, CO 80523
Laboratory Report Of Analysis

Account No.	Date Received	Date Completed	Lab Number
4248	10/25/22	11/01/22	23-2487

Pacific Farm Resources / CBD
Seed Labs

Information Provided by Sender

Variety/Product	lemon G
Kind	Hemp
Genus/Species	Cannabis sativa
Lot Number	4
Class	Service

Purity Analysis

Component in 50 grams		Purity
Hemp *Cannabis sativa*		99.98%
	Weed seed	0.00%
	Crop seed	0.00%
	Inert matter	0.02%

Viability Analysis

Germ Date	Germ	Dormant	Hard	Viable	PLS
11/01/22	99	-N-	-N-	99	98.98

Other Crop Seeds None Found

Noxious Weed Seeds in 500 grams None Found

For: CO

(P)Prohibited Noxious (R)Restricted Noxious

Weed Seeds None Found

Other Determinations

Seed count 38,583 Seeds/lb

Status: Completed

Tests Requested: Germination, Purity, Seed count. No other tests requested.
Services Requested: Return sample, Rush

WARRANTY: The Association warrants that the purity and germination test results reported on this form have been carried out in accordance with AOSA rules unless otherwise specified. Test results reflect the condition of the submitted sample and may not reflect the condition of the seed lot from which the sample was taken.
DISCLAIMER OF WARRANTIES: THE ASSOCIATION MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Signature: Rudy Crowl