

SAMPLE NAME: Grand Daddy Purp

Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Earthy Select

License Number:

Address:



SAMPLE DETAIL

Batch Number:

Sample ID: 210504P017

Date Collected: 05/04/2021

Date Received: 05/04/2021

Batch Size:

Sample Size: 3.5 grams

Unit Mass: 3.5 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.747%

Total CBD: 13.609%

Sum of Cannabinoids: 21.282%

Total Cannabinoids: 19.175%

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 = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDA} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Moisture: NT

Density: NT

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

Pesticides: NT

Mycotoxins: NT

Residual Solvents: NT

Heavy Metals: NT

Microbiology (PCR): NT

Microbiology (Plating): NT

Foreign Material: NT

Water Activity: NT

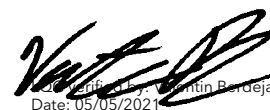
Vitamin E: NT

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, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)


 Date: 05/05/2021


 Approved by: Josh Wurzer, President
 Date: 05/05/2021



Cannabinoid Analysis

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

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

TOTAL THC: 0.747%

Total THC (Δ^9 THC+0.877*THCa)

TOTAL CBD: 13.609%

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 19.175%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 THC + CBL + CBN

TOTAL CBG: 0.67%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.06%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.039%

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/05/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDa	0.06 / 0.22	±6.260	148.34	14.834
Δ^8 THC	0.05 / 0.50	±1.195	29.96	2.996
CBCa	0.1 / 0.4	±0.93	10.6	1.06
CBGa	0.1 / 0.4	±0.53	7.6	0.76
CBD	0.1 / 0.3	±0.33	6.0	0.60
THCa	0.04 / 0.24	±0.192	4.64	0.464
Δ^9 THC	0.1 / 0.4	±0.13	3.4	0.34
CBC	0.1 / 0.2	±0.06	1.3	0.13
CBN	0.07 / 0.20	±0.024	0.54	0.054
CBDVa	0.02 / 0.22	±0.005	0.44	0.044
CBG	0.2 / 0.5	N/A	<LOQ	<LOQ
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.17	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
SUM OF CANNABINOIDS			212.82 mg/g	21.282%

Unit Mass: 3.5 grams per Unit

Δ^9 THC per Unit	11.9 mg/unit
Total THC per Unit	26.14 mg/unit
CBD per Unit	21.0 mg/unit
Total CBD per Unit	476.32 mg/unit
Sum of Cannabinoids per Unit	744.87 mg/unit
Total Cannabinoids per Unit	671.07 mg/unit

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

Not Tested

VISCOSITY TEST RESULT

Not Tested

