

# **Hemp Quality Assurance Testing**

# **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 09/11/2024** 

SAMPLE NAME: GDP Grand Daddy Purp

Flower, Inhalable

CULTIVATOR / MANUFACTURER DISTRIBUTOR / TESTED FOR

Business Name: Business Name: License Number: License Number:

Address: Address:

SAMPLE DETAIL

 Batch Number: C0722-A122
 Date Collected: 09/06/2024

 Sample ID: 240906P010
 Date Received: 09/06/2024

Batch Size: Sample Size: Unit Mass: Serving Size:

#### **CANNABINOID ANALYSIS - SUMMARY**

CALCULATED USING DRY-WEIGHT

Total THC: 32.31%

Total CBD: <LOQ

Sum of Cannabinoids: 38.27%

Total Cannabinoids: 33.61%

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 =  $\Delta^9$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

 $(CBDV+0.877*CBDVa) + \Delta^{8}-THC + CBL + CBN$ 

Moisture: 82.3%

For quality assurance purposes. Not a Regulatory 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.

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

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control 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.

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Approved by: Josh Wurzer Job Title: Chief Compliance Officer

Amendment to Certificate of Analysis 240906P010-001

Date: 09/11/2024

# **Hemp Quality Assurance Testing**

## **CERTIFICATE OF ANALYSIS**

GDP GRAND DADDY PURP | DATE ISSUED 09/11/2024



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

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

TOTAL THC: 32.31% Total THC ( $\Delta^9$ -THC+0.877\*THCa)

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

**TOTAL CANNABINOIDS: 33.61%** 

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$ 

TOTAL CBG: 0.84%
Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.104%

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.35%
Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND** 

Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 09/09/2024**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	±11.701	364.52	36.452
CBGa	0.1 / 0.4	±0.52	9.6	0.96
CBCa	0.1 / 0.4	±0.27	4.0	0.40
Δ <sup>9</sup> -THC	0.1 / 0.4	±0.10	3.4	0.34
THCVa	0.05 / 0.17	±0.028	1.19	0.119
CBDa	0.06 / 0.22	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Δ <sup>8</sup> -THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBG	0.2 / 0.5	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
СВС	0.1 / 0.2	N/A	ND	ND
SUM OF CANNABINOIDS			382.7 mg/g	38.27%

#### MOISTURE TEST RESULT

82.3%

Tested 09/09/2024

Method: QSP 1224 - Loss on Drying (Moisture)

## NOTES

Reason for Amendment: Photo Update