

Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 12/24/2024

SAMPLE DETAILS

SAMPLE NAME: Colombian Gold Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name: License Number: Address:

DISTRIBUTOR / TESTED FOR

Business Name: Arete License Number: Address:

SAMPLE DETAIL

Batch Number: Sample ID: 241217L072 Date Collected: 12/17/2024 Date Received: 12/17/2024 Batch Size: Sample Size: Unit Mass: Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **26.29%** Total CBD: **<LOQ** Sum of Cannabinoids: 31.35%

Total Cannabinoids: 27.52%

 $\begin{array}{l} \label{eq:constraint} \end{tabular} Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step: Total THC = <math display="inline">\Delta^{9}.$ THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) \\ \end{tabular} 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*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + $\Delta^{8}.$ THC + CBL + CBN (CBDV+0.877*CBCa) + $\Delta^{6}.$

CALCULATED USING DRY-WEIGHT

Moisture: 76.4%

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.

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.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), μg/g = ppm, μg/kg = ppb



Job Title: Chief Compliance Officer Date: 12/24/2024

Amendment to Certificate of Analysis 241217L072-001

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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: 26.29%

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: <LOQ

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 27.52%

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

TOTAL CBG: 0.89%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.153%

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.18% Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: <LOQ

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/20/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04/0.24	±9.546	297.37	29.737
CBGa	0.1/0.4	±0.55	10.2	1.02
∆ ⁹ -THC	0.1/0.4	±0.06	2.1	0.21
CBCa	0.1/0.4	±0.14	2.1	0.21
THCVa	0.05/0.17	±0.041	1.74	0.174
CBDa	0.06 / 0.22	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBDVa	0.02/0.22	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
CBG	0.2/0.5	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
∆ ⁸ -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
CBL	0.1/0.4	N/A	ND	ND
CBN	0.07/0.20	N/A	ND	ND
CBC	0.1/0.2	N/A	ND	ND
SUM OF CANNABINOIDS			313.5 mg/g	31.35%

MOISTURE TEST RESULT

76.4%

Tested 12/21/2024

Method: QSP 1224 - Loss on Drying (Moisture)

NOTES

Reason for Amendment: Order Detail Information Change Sample serving mass provided by client.