



Seedsman

Seedsman
Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 10/24/2022 | OVERALL BATCH RESULT: PASS

SAMPLE NAME: Cherry Punch F1

Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name:

License Number: CCL19-0000352

Address: 2505 Gravenstein Highway South
Sebastopol CA 95472

SAMPLE DETAIL

Batch Number:

Sample ID: 221021N036

Source Metrc UID:

Date Collected: 10/21/2022

Date Received: 10/22/2022

Batch Size:

Sample Size:

Unit Mass:

Serving Size:



Scan QR code to verify
authenticity of results.



CANNABINOID ANALYSIS - SUMMARY

CALCULATED USING DRY-WEIGHT

Sum of Cannabinoids: 33.77%

Sum of Cannabinoids = $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVA} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

Moisture: 10.8%

Total Cannabinoids: 29.68%

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

Total THC: 28.41%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total CBD: 0.076%

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

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 2.3104%

Myrcene 7.394 mg/g Limonene 4.605 mg/g β -Caryophyllene 2.988 mg/g

For quality assurance purposes. Not a Regulatory Compliance Testing Certificate. 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)

SC Laboratories California LLC. | 100 Pioneer Street, Suite E, Santa Cruz, CA 95060 | (866) 435-0709 | sclabs.com | C8-0000013-LIC | ISO/IES 17025:2017 PJLA Accreditation Number 87168

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Carmen Stackhouse

LOC verified by: Carmen Stackhouse
Date: 10/24/2022

Josh Wurzer

Approved by: Josh Wurzer, President
Date: 10/24/2022



CHERRY PUNCH F1 | DATE ISSUED 10/24/2022 | OVERALL BATCH RESULT: CHECKED PASS

CANNABINOID TEST RESULTS - 10/23/2022

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 CANNABINOID: 29.68%

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

TOTAL THC: 28.41%

Total THC (Δ^8 -THC+0.877*THCa)

TOTAL CBD: 0.076%

Total CBD (CBD+0.877*CBDa)

TOTAL CBG: 0.49%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.285%

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.42%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDAv)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	± 10.217	318.30	31.830
Δ^9 -THC	0.1 / 0.4	± 0.15	5.0	0.50
CBCa	0.1 / 0.4	± 0.33	4.8	0.48
CBGa	0.1 / 0.4	± 0.24	4.5	0.45
THCVa	0.05 / 0.17	± 0.076	3.25	0.325
CBG	0.2 / 0.5	± 0.07	1.0	0.10
CBDa	0.06 / 0.22	± 0.029	0.87	0.087
Δ^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
CBDVa	0.02 / 0.22	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 CANNABINOID		337.7 mg/g	33.77%	

MOISTURE TEST RESULT

10.8%
Tested 10/22/2022
Method: QSP 1224 - Loss on Drying (Moisture)

TERPENOID TEST RESULTS - 10/24/2022

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID). **Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.007 / 0.025	± 0.2617	7.394	0.7394
Limonene	0.005 / 0.016	± 0.1501	4.605	0.4605
β -Caryophyllene	0.004 / 0.013	± 0.1608	2.988	0.2988
α -Pinene	0.005 / 0.015	± 0.0573	1.601	0.1601
β -Pinene	0.004 / 0.015	± 0.0452	1.399	0.1399
α -Humulene	0.009 / 0.031	± 0.0469	0.872	0.0872
α -Bisabolol	0.008 / 0.026	± 0.0316	0.736	0.0736

TERPENOID TEST RESULTS - 10/24/2022 continued

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Guaiol	0.011 / 0.035	± 0.0354	0.651	0.0651
Valencene	0.010 / 0.033	± 0.0306	0.593	0.0593
β -Ocimene	0.005 / 0.018	± 0.0221	0.563	0.0563
Fenchol	0.009 / 0.029	± 0.0148	0.403	0.0403
Linalool	0.009 / 0.030	± 0.0105	0.268	0.0268
Terpineol	0.008 / 0.025	± 0.0154	0.251	0.0251
Nerolidol	0.006 / 0.020	± 0.0119	0.151	0.0151
Camphene	0.004 / 0.014	± 0.0049	0.150	0.0150
Eucalyptol	0.005 / 0.018	± 0.0042	0.105	0.0105
trans- β -Farnesene	0.008 / 0.028	± 0.0049	0.086	0.0086
Caryophyllene Oxide	0.011 / 0.038	± 0.0050	0.085	0.0085
Borneol	0.004 / 0.014	± 0.0030	0.064	0.0064
Terpinolene	0.008 / 0.027	± 0.0007	0.044	0.0044
Sabinene Hydrate	0.007 / 0.022	± 0.0015	0.041	0.0041
Citronellol	0.003 / 0.010	± 0.0006	0.022	0.0022
Geraniol	0.002 / 0.007	± 0.0011	0.021	0.0021
Pulegone	0.003 / 0.010	± 0.0007	0.011	0.0011
γ -Terpinene	0.005 / 0.018	N/A	<LOQ	<LOQ
Fenchone	0.008 / 0.026	N/A	<LOQ	<LOQ
Nerol	0.003 / 0.011	N/A	<LOQ	<LOQ
Geranyl Acetate	0.004 / 0.012	N/A	<LOQ	<LOQ
Sabinene	0.004 / 0.014	N/A	ND	ND
α -Phellandrene	0.006 / 0.019	N/A	ND	ND
Δ^3 -Carene	0.005 / 0.018	N/A	ND	ND
α -Terpinene	0.006 / 0.019	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
Isopulegol	0.004 / 0.013	N/A	ND	ND
Camphor	0.005 / 0.015	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
α -Cedrene	0.005 / 0.017	N/A	ND	ND
Cedrol	0.009 / 0.032	N/A	ND	ND
TOTAL TERPENOID			23.104 mg/g	2.3104%