

CERTIFICATE OF ANALYSIS

PRODUCED: AUG 08, 2022

SAMPLE: COUSIN STRAWBERRY G FLOWER (FLOWER) // CLIENT: CHILLARY, LLC // BATCH: PASS



BATCH NO.: STRAW 1
TEST PKG: 1A40503000293C5000000035
SRC PKG: 1A40503000293C5000000032
MATRIX: FLOWER
SAMPLE ID: CAM-220803-039
COLLECTED ON: AUG 03, 2022
RECEIVED ON: AUG 03, 2022
BATCH/SAMPLE SIZE: 7499.62 G / 37.57 G
SAMPLED BY: STEVEN MULLALLY
RECEIVED BY: STEVEN MULLALLY

CANNABINOID OVERVIEW

THCA:	23.7 %
Δ ⁹ -THC:	1.92 %
TOTAL CANNABINOIDS:	25.92 %

CULTIVATOR INFO

CULTIVATOR
CHILLARY, LLC

LICENSE
AU-G-B-000182
ADULT-USE - CLASS B MARIHUANA
GROWER

BATCH RESULT: PASS

POTENCY	TESTED	PESTICIDES	PASS
FOREIGN	PASS	TERPENES	TESTED
METALS	PASS	WATER	PASS
MICROBIAL	PASS		

POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD // AUG 05, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
CBC		ND	ND	0.0517/0.172	N/A	Δ ⁸ -THC		ND	ND	0.0578/0.193	N/A
CBD		ND	ND	0.109/0.363	N/A	Δ ⁹ -THC	1.92 %	19.2 mg/g	0.102/0.34	N/A	N/A
CBDA		ND	ND	0.142/0.474	N/A	THCA	23.7 %	237 mg/g	0.0883/0.294	N/A	N/A
CBDV		ND	ND	0.0673/0.224	N/A	THCV		ND	0.0699/0.233	N/A	N/A
CBG	0.0477 %	0.477 mg/g	0.0576/0.192	N/A	N/A	TOTAL THC **	22.7 %	227 mg/g		N/A	N/A
CBGA	0.256 %	2.56 mg/g	0.0328/0.109	N/A	N/A	TOTAL CBD **		ND	ND		N/A
CBN		ND	ND	0.0848/0.283	N/A						

** TOTAL THC = DELTA-8-THC + DELTA-9-THC + (THCA X 0.877)

** TOTAL CBD = CBD + (CBDA X 0.877)

TRP-013: TERPENE ANALYSIS BY GC-MS // AUG 08, 2022

ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES *	1.825 %		N/A	TRANS-β-OCIMENE	ND	0.5/1	N/A
β-MYRCENE	0.518 %	0.5/1	N/A	ISOBORNEOL	ND	0.5/1	N/A
LIMONENE	0.488 %	0.5/1	N/A	(+)-FENCHONE	ND	0.5/1	N/A
LINALOOL *	0.272 %	0.5/1	N/A	GERANYL ACETATE	ND	0.5/1	N/A
TRANS-CARYOPHYLLENE	0.260 %	0.5/1	N/A	γ-TERPINENE	ND	0.5/1	N/A
α-HUMULENE	0.067 %	0.5/1	N/A	EUCALYPTOL	ND	0.5/1	N/A
β-PINENE	0.060 %	0.5/1	N/A	CIS-NEROLIDOL	ND	0.5/1	N/A
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.060 %	0.5/1	N/A	CIS-β-OCIMENE	ND	0.5/1	N/A
α-PINENE	0.042 %	0.5/1	N/A	CEDROL	ND	0.5/1	N/A
TRANS-NEROLIDOL	0.041 %	0.5/1	N/A	CARYOPHYLLENE OXIDE	ND	0.5/1	N/A
VALENCENE	0.017 %	0.5/1	N/A	CAMPHOR	ND	0.5/1	N/A
SABINENE HYDRATE	ND	0.5/1	N/A	CAMPHERE	ND	0.5/1	N/A
SABINENE	ND	0.5/1	N/A	α-TERPINENE	ND	0.5/1	N/A
PULEGONE	ND	0.5/1	N/A	α-PHELLANDRENE	ND	0.5/1	N/A
GUAIOL	ND	0.5/1	N/A	α-CEDRENE	ND	0.5/1	N/A
TERPINOLENE	ND	0.5/1	N/A	α-BISABOLOL	ND	0.5/1	N/A
ISOPULEGOL	ND	0.5/1	N/A	Δ ³ -CARENE	ND	0.5/1	N/A

* BEYOND SCOPE OF ACCREDITATION

THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL WITHOUT APPROVAL FROM CAMBIUM ANALYTICA. THE RESULTS HEREIN RELATE ONLY TO THE SAMPLE & BATCH IDENTIFIED IN THIS REPORT.

SAMPLED IN ACCORDANCE TO SMP-SOP-001 // SAMPLING PROCEDURE.

REGULATORY COMPLIANCE TESTING



RESULTS CERTIFIED BY: VERNON LALONE
LABORATORY DIRECTOR, CAMBIUM ANALYTICA
AUG 08, 2022

RESULTS CERTIFIED BY: DOUGLAS SMITH
CHIEF SCIENTIST, CAMBIUM ANALYTICA
AUG 08, 2022



PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS // AUG 05, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
CHLORFENAPYR	1 µg/g	ND	6.23/20.9	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
METHYL PARATHION	0.2 µg/g	ND	3.18/10.7	PASS

PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS // AUG 05, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND	71.6/239	PASS
ACEPHATE	0.4 µg/g	ND	16.9/56.2	PASS
ACEQUINOCYL	2 µg/g	ND	29.2/97.2	PASS
ACETAMIPRID	0.2 µg/g	ND	15/50	PASS
ALDICARB	0.4 µg/g	ND	43.9/146	PASS
AZOXYSTROBIN	0.2 µg/g	ND	10.8/36.2	PASS
BIFENAZATE	0.2 µg/g	ND	26/86.5	PASS
BIFENTHRIN	0.2 µg/g	ND	15.1/50.2	PASS
BOSCALID	0.4 µg/g	ND	13.2/43.2	PASS
CARBARYL	0.2 µg/g	ND	12.5/41.7	PASS
CARBOFURAN	0.2 µg/g	ND	11.1/36.9	PASS
CHLORANTRANIL-IPROLE	0.2 µg/g	ND	25.5/84.9	PASS
CHLORPYRIFOS	0.2 µg/g	ND	25.6/85.3	PASS
CLOFENTEZINE	0.2 µg/g	ND	20.9/69.6	PASS
CYFLUTHRIN	1 µg/g	ND	40.1/134	PASS
CYPERMETHRIN	1 µg/g	ND	28.7/95.7	PASS
DAMINOZIDE	1 µg/g	ND	24.8/82.5	PASS
DIAZINON	0.2 µg/g	ND	19.3/64.3	PASS
DICHLORVOS	1 µg/g	ND	13/43.4	PASS
DIMETHOATE	0.2 µg/g	ND	12.7/42.3	PASS
ETHOPROPHOS	0.2 µg/g	ND	19.8/66	PASS
ETOFENPROX	0.4 µg/g	ND	14.9/49.6	PASS
ETOXAZOLE	0.2 µg/g	ND	14/46.7	PASS
FENOXYCARB	0.2 µg/g	ND	20.7/69	PASS
FENPYROXIMATE	0.4 µg/g	ND	45.5/152	PASS
FIPRONIL	0.4 µg/g	ND	46.7/156	PASS
FLONICAMID	1 µg/g	ND	23/76.7	PASS
FLUDIOXONIL	0.4 µg/g	ND	11.4/38	PASS
HEXYTHIAZOX	1 µg/g	ND	29.2/97.5	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
IMAZALIL	0.2 µg/g	ND	16.1/53.5	PASS
IMIDACLOPRID	0.4 µg/g	ND	35.2/117	PASS
KRESOXIM-METHYL	0.4 µg/g	ND	12.3/40.9	PASS
MALATHION	0.2 µg/g	ND	16.2/54	PASS
METALAXYL	0.2 µg/g	ND	18.2/60.6	PASS
METHIOCARB	0.2 µg/g	ND	14.3/47.8	PASS
METHOMYL	0.4 µg/g	ND	9.77/32.6	PASS
MGK-264	0.2 µg/g	ND	19.9/66.3	PASS
MYCLOBUTANIL	0.2 µg/g	ND	20.4/68.1	PASS
NALED	0.5 µg/g	ND	23.8/79.4	PASS
OXAMYL	1 µg/g	ND	36.5/122	PASS
PACLOBUTRAZOL	0.4 µg/g	ND	37.6/125	PASS
PERMETHRIN	0.2 µg/g	ND	39.2/131	PASS
PHOSMET	0.2 µg/g	ND	24.8/82.6	PASS
PRALLETHRIN	0.2 µg/g	ND	38.5/128	PASS
PROPICONAZOLE	0.4 µg/g	ND	42/140	PASS
PROPOXUR	0.2 µg/g	ND	12/40.1	PASS
PYRETHRINS	1 µg/g	ND	20.8/69.2	PASS
PYRIDABEN	0.2 µg/g	ND	27.1/90.2	PASS
SPINOSAD	0.2 µg/g	ND	6.11/20.4	PASS
SPINOSAD A		ND	6.61/22	N/A
SPINOSAD D		ND	2.49/8.29	N/A
SPIROMESIFEN	0.2 µg/g	ND	15.1/50.5	PASS
SPIROTETRAMAT	0.2 µg/g	ND	36.8/123	PASS
SPIROXAMINE	0.4 µg/g	ND	12.7/42.4	PASS
TEBUCONAZOLE	0.4 µg/g	ND	39/130	PASS
THIACLOPRID	0.2 µg/g	ND	16/53.4	PASS
THIAMETHOXAM	0.2 µg/g	ND	14.2/47.3	PASS
TRIFLOXYSTROB-IN	0.2 µg/g	ND	19.4/64.7	PASS



COL-027: TOTAL COLIFORMS // AUG 04, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
COLIFORMS	1000 CFU/g	ND	PASS

ASP-029: ASPERGILLUS SPP. // AUG 05, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amount in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amount in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amount in 1 gram	ND	PASS

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
ASPERGILLUS SPP.	Any amount in 1 gram	ND	PASS
ASPERGILLUS TERREUS	Any amount in 1 gram	ND	PASS

STEC-030: SHIGA TOXIN PRODUCING E. COLI // AUG 05, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
SHIGA TOXIN-PRODUCING E. COLI	Any amount in 1 gram	ND	PASS

SAL-030: SALMONELLA // AUG 05, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
SALMONELLA SPP.	Any amount in 1 gram	ND	PASS

TYM-014, TYM-028: TOTAL YEAST AND MOLD // AUG 06, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
YEAST & MOLD	100000 CFU/g	400 CFU/g	PASS

MET-05: HEAVY METALS ANALYSIS BY ICP-MS // AUG 04, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
ARSENIC	0.4 µg/g	ND	0.0448/0.5	PASS
CADMIUM	0.4 µg/g	0.006 µg/g	0.0256/0.5	PASS
CHROMIUM	1.2 µg/g	0.006 µg/g	0.0274/0.5	PASS
COPPER		3.640 µg/g	0.0446/0.5	N/A

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
LEAD	1 µg/g	0.004 µg/g	0.0169/0.5	PASS
MERCURY	0.2 µg/g	0.002 µg/g	0.00439/0.05	PASS
NICKEL	1 µg/g	0.020 µg/g	0.0271/0.5	PASS

AWA-09: WATER ACTIVITY // AUG 04, 2022

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.517 Aw	PASS

FOR-07: FOREIGN MATTER ANALYSIS // AUG 04, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
INORGANIC MATTER	Any amount	ND	PASS
ORGANIC MATTER	2 %	0.100 %	PASS

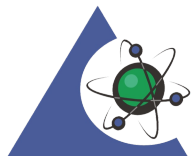
ANALYTE	LIMIT	AMT (%)	PASS/FAIL
STEMS	5 %	1.000 %	PASS



ACCREDITATIONS



ILAC-MRA



ISO/IEC 17025

ILAC-MRA, PJLA ACCREDITED

PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS

ABAMECTIN, ABAMECTIN BA, ABAMECTIN BB, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MGK-264, MALATHION, MALATHION A, METALAXYL, METHIOCARB, METHOMYL, METHYL PARATHION, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PERMETHRIN, PERMETHRIN CIS, PERMETHRIN TRANS, PHOSMET, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS CINERIN I, PYRETHRINS CINERIN I-3, PYRETHRINS JASMOLIN I, PYRETHRINS JASMOLIN I-3, PYRETHRINS PYRETHRIN I, PYRIDABEN, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIACTOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

TRP-013: TERPENE ANALYSIS BY GC-MS

(+)-FENCHONE, (1R)-ENDO-(+)-FENCHYL ALCOHOL, CAMPHENE, CAMPHOR, CARYOPHYLLENE OXIDE, CEDROL, DELTA-3-CARENE, EUCALYPTOL, FENCHOL, GERANIOL, GERANYL ACETATE, GUAIOL, ISOBORNEOL, ISOPULEGOL, LIMONENE, NEROLIDOL, OCIMENE, PHELLANDRENE, PULEGONE, SABINENE, SABINENE HYDRATE, TERPINEOL 3, TERPINOLENE, VALENCENE, ALPHA-BISABOLOL, ALPHA-CEDRENE, ALPHA-HUMULENE, ALPHA-PHELLANDRENE, ALPHA-PINENE, ALPHA-TERPINENE, BETA-MYRCENE, BETA-PINENE, CIS-NEROLIDOL, CIS-BETA-OCIMENE, GAMMA-TERPINENE, TRANS-CARYOPHYLLENE, TRANS-NEROLIDOL, TRANS-BETA-OCIMENE

POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD

CBD, CBDA, DELTA-9-THC, THCA, CBDV, THCV, CBG, CBGA, CBN, DELTA-8-THC, CBC, DELTA-8 + DELTA-9-THC, TOTAL CBD, TOTAL THC

MET-05: HEAVY METALS ANALYSIS BY ICP-MS

ARSENIC, CADMIUM, CHROMIUM, COPPER, LEAD, MERCURY, NICKEL

FOR-07: FOREIGN MATTER ANALYSIS

INORGANIC MATTER, ORGANIC MATTER, STEMS

PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS

CHLORFENAPYR, METHYL PARATHION

AWA-09: WATER ACTIVITY

WATER ACTIVITY

PRODUCT IMAGES

