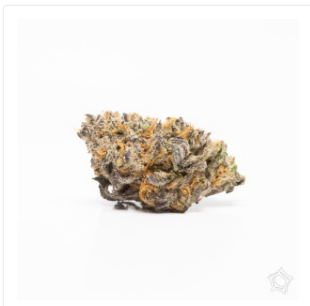


CERTIFICATE OF ANALYSIS

PRODUCED: OCT 21, 2022

SAMPLE: GARLIC STORM - BUDS (FLOWER) // CLIENT: MJ VERDANT // BATCH: PASS



BATCH NO.: 1A405030001F979000003971
 TEST PKG: 1A405030001F979000003980
 SRC PKG: 1A405030001F979000003971
 MATRIX: FLOWER
 SAMPLE ID: CAM-221018-149
 COLLECTED ON: OCT 18, 2022
 RECEIVED ON: OCT 18, 2022
 BATCH/SAMPLE SIZE: 8481 G / 42.44 G
 SAMPLED BY: MITCH TAPLIN
 RECEIVED BY: MITCH TAPLIN

CANNABINOID OVERVIEW

THCA:	22.1 %
CBGA:	0.69 %
TOTAL CANNABINOIDS:	23.35 %

CULTIVATOR INFO

CULTIVATOR
 MJ VERDANT

LICENSE
 AU-G-C-000520
 ADULT-USE - CLASS C 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 // OCT 21, 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	0.334 %	3.34 mg/g	0.102/0.340	N/A	
CBDA	0.0397 %	0.397 mg/g		0.142/0.474	N/A	THCA	22.1 %	221 mg/g	0.0883/0.294	N/A	
CBDV		ND	ND	0.0673/0.224	N/A	THCV		ND	0.0699/0.233	N/A	
CBG	0.184 %	1.84 mg/g		0.0576/0.192	N/A	TOTAL THC **	19.7 %	197 mg/g		N/A	
CBGA	0.689 %	6.89 mg/g		0.0328/0.109	N/A	TOTAL CBD **	0.0348 %	0.348 mg/g		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 // OCT 21, 2022

ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES *	1.886 %		N/A	α-PHELLANDRENE	ND	0.500/1.000	N/A
LIMONENE	0.706 %	0.500/1.000	N/A	α-TERPINENE	ND	0.500/1.000	N/A
TRANS-CARYOPHYLLENE	0.328 %	0.500/1.000	N/A	CAMPHOR	ND	0.500/1.000	N/A
β-MYRCENE	0.228 %	0.500/1.000	N/A	CEDROL	ND	0.500/1.000	N/A
α-HUMULENE	0.126 %	0.500/1.000	N/A	CIS-β-OCIMENE	ND	0.500/1.000	N/A
β-PINENE	0.080 %	0.500/1.000	N/A	CIS-NEROLIDOL	ND	0.500/1.000	N/A
LINALOOL *	0.075 %	0.500/1.000	N/A	Δ ³ -CARENE	ND	0.500/1.000	N/A
α-TERPINEOL	0.073 %	0.500/1.000	N/A	EUCALYPTOL	ND	0.500/1.000	N/A
TRANS-NEROLIDOL	0.068 %	0.500/1.000	N/A	γ-TERPINENE	ND	0.500/1.000	N/A
α-BISABOLOL	0.052 %	0.500/1.000	N/A	GERANYL ACETATE	ND	0.500/1.000	N/A
α-PINENE	0.051 %	0.500/1.000	N/A	GUAIOL	ND	0.500/1.000	N/A
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.047 %	0.500/1.000	N/A	ISOBORNEOL	ND	0.500/1.000	N/A
VALENCENE	0.020 %	0.500/1.000	N/A	ISOPULEGOL	ND	0.500/1.000	N/A
CARYOPHYLLENE OXIDE	0.019 %	0.500/1.000	N/A	PULEGONE	ND	0.500/1.000	N/A
CAMPHERE	0.013 %	0.500/1.000	N/A	SABINENE	ND	0.500/1.000	N/A
BORNEOL *	ND		N/A	SABINENE HYDRATE	ND	0.500/1.000	N/A
DL-MENTHOL *	ND		N/A	TERPINOLENE	ND	0.500/1.000	N/A
(+)-FENCHONE	ND	0.500/1.000	N/A	TRANS-β-OCIMENE	ND	0.500/1.000	N/A
α-CEDRENE	ND	0.500/1.000	N/A				

* BEYOND SCOPE OF ACCREDITATION

REGULATORY COMPLIANCE TESTING

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.



RESULTS CERTIFIED BY: VERNON LALONE
LABORATORY DIRECTOR, CAMBIUM ANALYTICA
OCT 21, 2022

A handwritten signature in black ink, appearing to read 'Vernon Lalone'.

RESULTS CERTIFIED BY: DOUGLAS SMITH
CHIEF SCIENTIST, CAMBIUM ANALYTICA
OCT 21, 2022

A handwritten signature in black ink, appearing to read 'Douglas Smith'.



PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS // OCT 20, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND	73.600/245.000	PASS
ACEPHATE	0.4 µg/g	ND	17.400/57.800	PASS
ACEQUINOCYL	2 µg/g	ND	30.000/100.000	PASS
ACETAMIPRID	0.2 µg/g	ND	15.400/51.400	PASS
ALDICARB	0.4 µg/g	ND	45.200/151.000	PASS
AZOXYSTROBIN	0.2 µg/g	ND	11.200/37.200	PASS
BIFENAZATE	0.2 µg/g	ND	26.700/89.100	PASS
BIFENTHRIN	0.2 µg/g	ND	15.500/51.700	PASS
BOSCALID	0.4 µg/g	ND	13.600/44.500	PASS
CARBARYL	0.2 µg/g	ND	12.900/42.900	PASS
CARBOFURAN	0.2 µg/g	ND	11.400/38.000	PASS
CHLORANTRANIL-IPROLE	0.2 µg/g	ND	26.200/87.400	PASS
CHLORPYRIFOS	0.2 µg/g	ND	26.300/87.700	PASS
CLOFENTEZINE	0.2 µg/g	ND	21.500/71.600	PASS
CYFLUTHRIN	1 µg/g	ND	41.300/138.000	PASS
CYPERMETHRIN	1 µg/g	ND	29.500/98.500	PASS
DAMINOZIDE	1 µg/g	ND	25.500/84.900	PASS
DIAZINON	0.2 µg/g	ND	19.800/66.200	PASS
DICHLORVOS	1 µg/g	ND	13.400/44.600	PASS
DIMETHOATE	0.2 µg/g	ND	13.100/43.500	PASS
ETHOPROPHOS	0.2 µg/g	ND	20.400/67.900	PASS
ETOFENPROX	0.4 µg/g	ND	15.300/51.100	PASS
ETOXAZOLE	0.2 µg/g	ND	14.400/48.100	PASS
FENOXYCARB	0.2 µg/g	ND	21.300/71.000	PASS
FENPYROXIMATE	0.4 µg/g	ND	46.900/156.000	PASS
FIPRONIL	0.4 µg/g	ND	48.100/160.000	PASS
FLONICAMID	1 µg/g	ND	23.700/78.900	PASS
FLUDIOXONIL	0.4 µg/g	ND	11.700/39.100	PASS
HEXYTHIAZOX	1 µg/g	ND	30.100/100.000	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
IMAZALIL	0.2 µg/g	ND	16.500/55.100	PASS
IMIDACLOPRID	0.4 µg/g	ND	36.200/121.000	PASS
KRESOXIM-METHYL	0.4 µg/g	ND	12.600/42.100	PASS
MALATHION	0.2 µg/g	ND	16.600/55.500	PASS
METALAXYL	0.2 µg/g	ND	18.700/62.400	PASS
METHIOCARB	0.2 µg/g	ND	14.800/49.200	PASS
METHOMYL	0.4 µg/g	ND	10.100/33.500	PASS
MGK-264	0.2 µg/g	ND	20.500/68.300	PASS
MYCLOBUTANIL	0.2 µg/g	ND	21.000/70.100	PASS
NALED	0.5 µg/g	ND	24.500/81.700	PASS
OXAMYL	1 µg/g	ND	37.600/125.000	PASS
PACLOBUTRAZOL	0.4 µg/g	ND	38.700/129.000	PASS
PERMETHRIN	0.2 µg/g	ND	40.300/134.000	PASS
PHOSMET	0.2 µg/g	ND	25.500/85.000	PASS
PRALLETHRIN	0.2 µg/g	ND	39.600/132.000	PASS
PROPICONAZOLE	0.4 µg/g	ND	43.200/144.000	PASS
PROPOXUR	0.2 µg/g	ND	12.400/41.300	PASS
PYRETHRINS	1 µg/g	ND	21.400/71.200	PASS
PYRIDABEN	0.2 µg/g	ND	27.900/92.900	PASS
SPINOSAD	0.2 µg/g	ND	6.280/21.000	PASS
SPINOSAD A		ND	6.810/22.600	N/A
SPINOSAD D		ND	2.570/8.530	N/A
SPIROMESIFEN	0.2 µg/g	ND	15.600/52.000	PASS
SPIROTETRAMAT	0.2 µg/g	ND	37.900/126.000	PASS
SPIROXAMINE	0.4 µg/g	ND	13.100/43.600	PASS
TEBUCONAZOLE	0.4 µg/g	ND	40.100/134.000	PASS
THIACLOPRID	0.2 µg/g	ND	16.500/55.000	PASS
THIAMETHOXAM	0.2 µg/g	ND	14.600/48.700	PASS
TRIFLOXYSTROB-IN	0.2 µg/g	ND	20.000/66.500	PASS

PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS // OCT 21, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
CHLORFENAPYR	1 µg/g	ND	6.410/21.500	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
METHYL PARATHION	0.2 µg/g	ND	3.270/11.000	PASS



COL-027: TOTAL COLIFORMS // OCT 20, 2022

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

ASP-029: ASPERGILLUS SPP. // OCT 20, 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 // OCT 20, 2022

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

SAL-030: SALMONELLA // OCT 20, 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 // OCT 21, 2022

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
YEAST & MOLD	100000 CFU/g	9,600 CFU/g	PASS

MET-05: HEAVY METALS ANALYSIS BY ICP-MS // OCT 19, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
ARSENIC	0.4 µg/g	ND	0.045/0.500	PASS
CADMIUM	0.4 µg/g	0.003 µg/g	0.026/0.500	PASS
CHROMIUM	1.2 µg/g	0.028 µg/g	0.027/0.500	PASS
COPPER		11.300 µg/g	0.045/0.500	N/A

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
LEAD	1 µg/g	0.007 µg/g	0.017/0.500	PASS
MERCURY	0.2 µg/g	0.003 µg/g	0.004/0.050	PASS
NICKEL	1 µg/g	0.034 µg/g	0.027/0.500	PASS

AWA-09: WATER ACTIVITY // OCT 19, 2022

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.386 Aw	PASS

FOR-07: FOREIGN MATTER ANALYSIS // OCT 19, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
INORGANIC MATTER	Any amount	ND	PASS
ORGANIC MATTER	2 %	ND	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, METHIACARB, 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, GUAJOL, 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, ALPHA-TERPINEOL

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

