

CERTIFICATE OF ANALYSIS

PRODUCED: JAN 02, 2023

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



BATCH NO.: 1A405030001F979000005518
TEST PKG: 1A405030001F979000005521
SRC PKG: 1A405030001F979000005518
MATRIX: FLOWER
SAMPLE ID: CAM-221228-082
COLLECTED ON: DEC 28, 2022
RECEIVED ON: DEC 28, 2022
BATCH/SAMPLE SIZE: 9102 G / 45.68 G
SAMPLED BY: STEVEN MULLALLY
RECEIVED BY: STEVEN MULLALLY

CANNABINOID OVERVIEW

THCA:	20.4 %
CBGA:	0.713 %
TOTAL CANNABINOIDS:	21.5 %

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 // DEC 30, 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	0.187 %	1.87 mg/g	0.102/0.340	N/A	
CBDA	0.0463 %	0.463 mg/g	0.142/0.474	N/A	THCA	20.4 %	204 mg/g	0.0883/0.294	N/A		
CBDV		ND	0.0673/0.224	N/A	THCV		ND	0.0699/0.233	N/A		
CBG	0.128 %	1.28 mg/g	0.0576/0.192	N/A	TOTAL THC **	18.1 %	181 mg/g		N/A		
CBGA	0.713 %	7.13 mg/g	0.0328/0.109	N/A	TOTAL CBD **	0.0406 %	0.406 mg/g		N/A		
CBN		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 // JAN 02, 2023

ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	1.964 %		N/A	BORNEOL	ND	0.500/1.000	N/A
LIMONENE	0.731 %	0.500/1.000	N/A	CAMPHOR	ND	0.500/1.000	N/A
TRANS-CARYOPHYLLENE	0.326 %	0.500/1.000	N/A	CEDROL	ND	0.500/1.000	N/A
β-MYRCENE	0.292 %	0.500/1.000	N/A	CIS-β-OCIMENE	ND	0.500/1.000	N/A
α-HUMULENE	0.127 %	0.500/1.000	N/A	CIS-NEROLIDOL	ND	0.500/1.000	N/A
LINALOOL	0.087 %	0.500/1.000	N/A	Δ³-CARENE	ND	0.500/1.000	N/A
β-PINENE	0.081 %	0.500/1.000	N/A	DL-MENTHOL	ND	0.500/1.000	N/A
α-TERPINEOL	0.078 %	0.500/1.000	N/A	EUCALYPTOL	ND	0.500/1.000	N/A
α-PINENE	0.060 %	0.500/1.000	N/A	γ-TERPINENE	ND	0.500/1.000	N/A
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.056 %	0.500/1.000	N/A	GERANYL ACETATE	ND	0.500/1.000	N/A
α-BISABOLOL	0.048 %	0.500/1.000	N/A	GUAIOL	ND	0.500/1.000	N/A
TRANS-NEROLIDOL	0.029 %	0.500/1.000	N/A	ISOBORNEOL	ND	0.500/1.000	N/A
VALENCENE	0.023 %	0.500/1.000	N/A	ISOPULEGOL	ND	0.500/1.000	N/A
CAMPHENE	0.014 %	0.500/1.000	N/A	PULEGONE	ND	0.500/1.000	N/A
CARYOPHYLLENE OXIDE	0.012 %	0.500/1.000	N/A	SABINENE	ND	0.500/1.000	N/A
(+)-FENCHONE	ND	0.500/1.000	N/A	SABINENE HYDRATE	ND	0.500/1.000	N/A
α-CEDRENE	ND	0.500/1.000	N/A	TERPINOLENE	ND	0.500/1.000	N/A
α-PHELLANDRENE	ND	0.500/1.000	N/A	TRANS-β-OCIMENE	ND	0.500/1.000	N/A
α-TERPINENE	ND	0.500/1.000	N/A				

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
JAN 02, 2023

RESULTS CERTIFIED BY: DOUGLAS SMITH
CHIEF SCIENTIST, CAMBIUM ANALYTICA
JAN 02, 2023



PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS // JAN 02, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
CHLORFENAPYR	1 µg/g	ND	6.190/20.700	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
METHYL PARATHION	0.2 µg/g	ND	3.160/10.600	PASS

PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS // DEC 30, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND	71.000/237.000	PASS
ACEPHATE	0.4 µg/g	ND	16.700/55.800	PASS
ACEQUINOCYL	2 µg/g	ND	29.000/96.500	PASS
ACETAMIPRID	0.2 µg/g	ND	14.900/49.600	PASS
ALDICARB	0.4 µg/g	ND	43.600/145.000	PASS
AZOXYSTROBIN	0.2 µg/g	ND	10.800/35.900	PASS
BIFENAZATE	0.2 µg/g	ND	25.800/85.900	PASS
BIFENTHRIN	0.2 µg/g	ND	15.000/49.900	PASS
BOSCALID	0.4 µg/g	ND	13.100/42.900	PASS
CARBARYL	0.2 µg/g	ND	12.400/41.400	PASS
CARBOFURAN	0.2 µg/g	ND	11.000/36.600	PASS
CHLORANTRANIL-IPROLE	0.2 µg/g	ND	25.300/84.300	PASS
CHLORPYRIFOS	0.2 µg/g	ND	25.400/84.600	PASS
CLOFENTEZINE	0.2 µg/g	ND	20.700/69.100	PASS
CYFLUTHRIN	1 µg/g	ND	39.800/133.000	PASS
CYPERMETHRIN	1 µg/g	ND	28.500/95.000	PASS
DAMINOZIDE	1 µg/g	ND	24.600/81.900	PASS
DIAZINON	0.2 µg/g	ND	19.100/63.800	PASS
DICHLORVOS	1 µg/g	ND	12.900/43.100	PASS
DIMETHOATE	0.2 µg/g	ND	12.600/42.000	PASS
ETHOPROPHOS	0.2 µg/g	ND	19.600/65.500	PASS
ETOFENPROX	0.4 µg/g	ND	14.800/49.300	PASS
ETOXAZOLE	0.2 µg/g	ND	13.900/46.400	PASS
FENOXYCARB	0.2 µg/g	ND	20.600/68.500	PASS
FENPYROXIMATE	0.4 µg/g	ND	45.200/151.000	PASS
FIPRONIL	0.4 µg/g	ND	46.400/155.000	PASS
FLONICAMID	1 µg/g	ND	22.900/76.100	PASS
FLUDIOXONIL	0.4 µg/g	ND	11.300/37.700	PASS
HEXYTHIAZOX	1 µg/g	ND	29.000/96.700	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
IMAZALIL	0.2 µg/g	ND	15.900/53.100	PASS
IMIDACLOPRID	0.4 µg/g	ND	34.900/116.000	PASS
KRESOXIM-METHYL	0.4 µg/g	ND	12.200/40.600	PASS
MALATHION	0.2 µg/g	ND	16.100/53.600	PASS
METALAXYL	0.2 µg/g	ND	18.100/60.200	PASS
METHIOCARB	0.2 µg/g	ND	14.200/47.400	PASS
METHOMYL	0.4 µg/g	ND	9.700/32.300	PASS
MGK-264	0.2 µg/g	ND	19.700/65.900	PASS
MYCLOBUTANIL	0.2 µg/g	ND	20.300/67.600	PASS
NALED	0.5 µg/g	ND	23.600/78.800	PASS
OXAMYL	1 µg/g	ND	36.200/121.000	PASS
PACLOBUTRAZOL	0.4 µg/g	ND	37.300/124.000	PASS
PERMETHRIN	0.2 µg/g	ND	38.900/130.000	PASS
PHOSMET	0.2 µg/g	ND	24.600/82.000	PASS
PRALLETHRIN	0.2 µg/g	ND	38.200/127.000	PASS
PROPICONAZOLE	0.4 µg/g	ND	41.600/139.000	PASS
PROPOXUR	0.2 µg/g	ND	11.900/39.800	PASS
PYRETHRINS	1 µg/g	ND	20.600/68.700	PASS
PYRIDABEN	0.2 µg/g	ND	26.900/89.600	PASS
SPINOSAD	0.2 µg/g	ND	6.060/20.200	PASS
SPINOSAD A		ND	6.560/21.800	N/A
SPINOSAD D		ND	2.470/8.230	N/A
SPIROMESIFEN	0.2 µg/g	ND	15.000/50.100	PASS
SPIROTETRAMAT	0.2 µg/g	ND	36.500/122.000	PASS
SPIROXAMINE	0.4 µg/g	ND	12.600/42.100	PASS
TEBUCONAZOLE	0.4 µg/g	ND	38.700/129.000	PASS
THIACLOPRID	0.2 µg/g	ND	15.900/53.000	PASS
THIAMETHOXAM	0.2 µg/g	ND	14.100/46.900	PASS
TRIFLOXYSTROB-IN	0.2 µg/g	ND	19.300/64.200	PASS



COL-027: TOTAL COLIFORMS // DEC 30, 2022

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

ASP-029: ASPERGILLUS SPP. // DEC 30, 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 // DEC 30, 2022

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

SAL-030: SALMONELLA // DEC 30, 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 // JAN 02, 2023

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
YEAST & MOLD	100000 CFU/g	8,000 CFU/g	PASS

MET-05: HEAVY METALS ANALYSIS BY ICP-MS // DEC 29, 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	0.006 µg/g	0.026/0.500	PASS
CHROMIUM	1.2 µg/g	0.030 µg/g	0.027/0.500	PASS
COPPER		10.600 µg/g	0.045/0.500	N/A

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
LEAD	1 µg/g	0.004 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	0.062 µg/g	0.027/0.500	PASS

AWA-09: WATER ACTIVITY // DEC 29, 2022

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.344 Aw	PASS

FOR-07: FOREIGN MATTER ANALYSIS // DEC 29, 2022

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

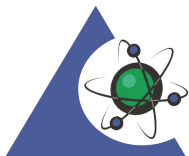
ANALYTE	LIMIT	AMT (%)	PASS/FAIL
STEMS	5 %	1.000 %	PASS



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, 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

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

