

## CERTIFICATE OF ANALYSIS

PRODUCED: SEP 13, 2022

SAMPLE: OG KUSH BREATH - BUDS (FLOWER) // CLIENT: MJ VERDANT // BATCH: PASS



**BATCH NO.:** 1A405030001F979000003300  
**TEST PKG:** 1A405030001F979000003303  
**SRC PKG:** 1A405030001F979000003300  
**MATRIX:** FLOWER  
**SAMPLE ID:** CAM-220909-044  
**COLLECTED ON:** SEP 09, 2022  
**RECEIVED ON:** SEP 09, 2022  
**BATCH/SAMPLE SIZE:** 13148 G / 66.00 G  
**SAMPLED BY:** MITCH TAPLIN  
**RECEIVED BY:** MITCH TAPLIN

### CANNABINOID OVERVIEW

<b>THCA:</b>	<b>15.2 %</b>
<b>Δ<sup>9</sup>-THC:</b>	<b>0.5 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>15.8 %</b>

### CULTIVATOR INFO

**CULTIVATOR**  
MJ VERDANT

**LICENSE**  
AU-G-C-000520  
ADULT-USE - CLASS C MARIHUANA  
GROWER

### BATCH RESULT: PASS

<b>POTENCY</b>	TESTED	<b>PESTICIDES</b>	PASS
<b>FOREIGN</b>	PASS	<b>TERPENES</b>	TESTED
<b>METALS</b>	PASS	<b>WATER</b>	PASS
<b>MICROBIAL</b>	PASS		

### POT-01: CANNABINOID POTENCY ANALYSIS BY HPLC-DAD // SEP 13, 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 <sup>8</sup> -THC		ND	ND	0.0578/0.193	N/A
CBD		ND	ND	0.109/0.363	N/A	Δ <sup>9</sup> -THC	0.496 %	4.96 mg/g	0.102/0.34		N/A
CBDA		ND	ND	0.142/0.474	N/A	THCA	15.2 %	152 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		ND	ND	0.0576/0.192	N/A	<b>TOTAL THC **</b>	13.8 %	138 mg/g			N/A
CBGA	0.103 %	1.03 mg/g		0.0328/0.109	N/A	<b>TOTAL CBD **</b>		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 // SEP 13, 2022

ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	AMT (%)	LOD/LOQ (µg/g)	PASS/FAIL
<b>TOTAL TERPENES *</b>	1.166 %		N/A	ISOPULEGOL	ND	0.5/1	N/A
TRANS-CARYOPHYLLENE	0.594 %	0.5/1	N/A	ISOBORNEOL	ND	0.5/1	N/A
α-HUMULENE	0.153 %	0.5/1	N/A	(+)-FENCHONE	ND	0.5/1	N/A
LIMONENE	0.144 %	0.5/1	N/A	GERANYL ACETATE	ND	0.5/1	N/A
α-BISABOLOL	0.105 %	0.5/1	N/A	γ-TERPINENE	ND	0.5/1	N/A
LINALOOL *	0.076 %	0.5/1	N/A	EUCALYPTOL	ND	0.5/1	N/A
VALENCENE	0.022 %	0.5/1	N/A	CIS-NEROLIDOL	ND	0.5/1	N/A
β-PINENE	0.021 %	0.5/1	N/A	CIS-β-OCIMENE	ND	0.5/1	N/A
TRANS-NEROLIDOL	0.020 %	0.5/1	N/A	CEDROL	ND	0.5/1	N/A
(1R)-ENDO-(+)-FENCHYL ALCOHOL	0.019 %	0.5/1	N/A	CARYOPHYLLENE OXIDE	ND	0.5/1	N/A
α-PINENE	0.012 %	0.5/1	N/A	CAMPHOR	ND	0.5/1	N/A
TRANS-β-OCIMENE	ND	0.5/1	N/A	CAMPHENE	ND	0.5/1	N/A
TERPINOLENE	ND	0.5/1	N/A	β-MYRCENE	ND	0.5/1	N/A
GUAIOL	ND	0.5/1	N/A	α-TERPINENE	ND	0.5/1	N/A
SABINENE HYDRATE	ND	0.5/1	N/A	α-PHELLANDRENE	ND	0.5/1	N/A
SABINENE	ND	0.5/1	N/A	α-CEDRENE	ND	0.5/1	N/A
PULEGONE	ND	0.5/1	N/A	Δ <sup>3</sup> -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  
SEP 13, 2022

RESULTS CERTIFIED BY: DOUGLAS SMITH  
CHIEF SCIENTIST, CAMBIUM ANALYTICA  
SEP 13, 2022



## PGC-03: CHEMICAL RESIDUE ANALYSIS BY GC-MS/MS // SEP 13, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
CHLORFENAPYR	1 µg/g	ND	6.25/20.9	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
METHYL PARATHION	0.2 µg/g	ND	3.19/10.7	PASS

## PLC-02: CHEMICAL RESIDUE ANALYSIS BY LC-MS/MS // SEP 13, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
ABAMECTIN	0.5 µg/g	ND	71.7/239	PASS
ACEPHATE	0.4 µg/g	ND	16.9/56.3	PASS
ACEQUINOCYL	2 µg/g	ND	29.2/97.5	PASS
ACETAMIPRID	0.2 µg/g	ND	15/50.1	PASS
ALDICARB	0.4 µg/g	ND	44/147	PASS
AZOXYSTROBIN	0.2 µg/g	ND	10.9/36.2	PASS
BIFENAZATE	0.2 µg/g	ND	26/86.7	PASS
BIFENTHRIN	0.2 µg/g	ND	15.1/50.4	PASS
BOSCALID	0.4 µg/g	ND	13.3/43.3	PASS
CARBARYL	0.2 µg/g	ND	12.5/41.8	PASS
CARBOFURAN	0.2 µg/g	ND	11.1/37	PASS
CHLORANTRANIL-IPROLE	0.2 µg/g	ND	25.5/85.1	PASS
CHLORPYRIFOS	0.2 µg/g	ND	25.7/85.5	PASS
CLOFENTEZINE	0.2 µg/g	ND	20.9/69.8	PASS
CYFLUTHRIN	1 µg/g	ND	40.2/134	PASS
CYPERMETHRIN	1 µg/g	ND	28.8/95.9	PASS
DAMINOZIDE	1 µg/g	ND	24.8/82.7	PASS
DIAZINON	0.2 µg/g	ND	19.3/64.4	PASS
DICHLORVOS	1 µg/g	ND	13/43.5	PASS
DIMETHOATE	0.2 µg/g	ND	12.7/42.4	PASS
ETHOPROPHOS	0.2 µg/g	ND	19.8/66.1	PASS
ETOFENPROX	0.4 µg/g	ND	14.9/49.7	PASS
ETOXAZOLE	0.2 µg/g	ND	14/46.8	PASS
FENOXYCARB	0.2 µg/g	ND	20.8/69.2	PASS
FENPYROXIMATE	0.4 µg/g	ND	45.6/152	PASS
FIPRONIL	0.4 µg/g	ND	46.8/156	PASS
FLONICAMID	1 µg/g	ND	23.1/76.9	PASS
FLUDIOXONIL	0.4 µg/g	ND	11.4/38	PASS
HEXYTHIAZOX	1 µg/g	ND	29.3/97.7	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/kg)	PASS/FAIL
IMAZALIL	0.2 µg/g	ND	16.1/53.6	PASS
IMIDACLOPRID	0.4 µg/g	ND	35.2/117	PASS
KRESOXIM-METHYL	0.4 µg/g	ND	12.3/41	PASS
MALATHION	0.2 µg/g	ND	16.2/54.1	PASS
METALAXYL	0.2 µg/g	ND	18.2/60.8	PASS
METHIOCARB	0.2 µg/g	ND	14.4/47.9	PASS
METHOMYL	0.4 µg/g	ND	9.79/32.7	PASS
MGK-264	0.2 µg/g	ND	19.9/66.5	PASS
MYCLOBUTANIL	0.2 µg/g	ND	20.5/68.3	PASS
NALED	0.5 µg/g	ND	23.9/79.6	PASS
OXAMYL	1 µg/g	ND	36.6/122	PASS
PACLOBUTRAZOL	0.4 µg/g	ND	37.7/126	PASS
PERMETHRIN	0.2 µg/g	ND	39.2/131	PASS
PHOSMET	0.2 µg/g	ND	24.8/82.8	PASS
PRALLETHRIN	0.2 µg/g	ND	38.6/129	PASS
PROPICONAZOLE	0.4 µg/g	ND	42/140	PASS
PROPOXUR	0.2 µg/g	ND	12.1/40.2	PASS
PYRETHRINS	1 µg/g	ND	20.8/69.3	PASS
PYRIDABEN	0.2 µg/g	ND	27.1/90.4	PASS
SPINOSAD	0.2 µg/g	ND	6.12/20.4	PASS
SPINOSAD A		ND	6.63/22.1	N/A
SPINOSAD D		ND	2.5/8.31	N/A
SPIROMESIFEN	0.2 µg/g	ND	15.2/50.6	PASS
SPIROTETRAMAT	0.2 µg/g	ND	36.9/123	PASS
SPIROXAMINE	0.4 µg/g	ND	12.7/42.5	PASS
TEBUCONAZOLE	0.4 µg/g	ND	39.1/130	PASS
THIACLOPRID	0.2 µg/g	ND	16.1/53.5	PASS
THIAMETHOXAM	0.2 µg/g	ND	14.2/47.4	PASS
TRIFLOXYSTROBIN	0.2 µg/g	ND	19.5/64.8	PASS



**TYM-014, TYM-028: TOTAL YEAST AND MOLD // SEP 12, 2022**

ANALYTE	LIMIT	AMT (CFU/g)	PASS/FAIL
YEAST & MOLD	100000 CFU/g	5,000 CFU/g	PASS

**COL-027: TOTAL COLIFORMS // SEP 13, 2022**

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

**STEC-030: SHIGA TOXIN PRODUCING E. COLI // SEP 13, 2022**

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

**SAL-030: SALMONELLA // SEP 13, 2022**

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

**ASP-029: ASPERGILLUS SPP. // SEP 13, 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

**MET-05: HEAVY METALS ANALYSIS BY ICP-MS // SEP 12, 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	0.002 µg/g	0.0256/0.5	PASS
CHROMIUM	1.2 µg/g	0.020 µg/g	0.0274/0.5	PASS
COPPER		7.260 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	0.005 µg/g	0.00439/0.05	PASS
NICKEL	1 µg/g	0.031 µg/g	0.0271/0.5	PASS

**AWA-09: WATER ACTIVITY // SEP 12, 2022**

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.505 Aw	PASS

**FOR-07: FOREIGN MATTER ANALYSIS // SEP 12, 2022**

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

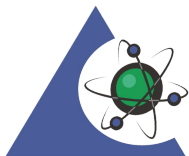
ANALYTE	LIMIT	AMT (%)	PASS/FAIL
STEMS	5 %	1.000 %	PASS



## 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

**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

