



CERTIFICATE OF ANALYSIS

PRODUCED: JUL 22, 2024

SAMPLE: BUBBLELICIOUS (BULK) (PRE-ROLL) // CLIENT: ARCTIC GREEN, INC // BATCH: PASS



BATCH NO.: BUBBLE # 185
METRC TAG: 1A42A010000012E000000393
MATRIX: PRE-ROLL
SAMPLE ID: PVL-2407-0302
COLLECTED ON: JUL 18, 2024
RECEIVED ON: JUL 18, 2024
BATCH/SAMPLE SIZE: 429.4 G / 10.17 G
RECEIVED BY: TARA MORGAN
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	19.7 %
TOTAL CBD:	< LOQ %
TOTAL CANNABINOIDS:	23.554 %

CULTIVATOR INFO

CULTIVATOR
ARCTIC GREEN, INC

LICENSE
MMP CV 0015
MEDICINAL - CLASS A GROWER

BATCH RESULT: PASS

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

SOP-2.4: CANNABINOID PROFILE BY UHPLC-DAD // ANALYST: JOSHUA VANVOORHIS, DATE: JUL 22, 2024

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED
CBC		ND	ND	0.418/2.36	X	Δ ⁸ -THC		ND	ND	0.541/2.36	X
CBCA	0.295 %	2.95 mg/g		0.418/2.36	X	Δ ⁹ -THC	0.597 %	5.97 mg/g		0.825/2.36	✓
CBD		ND	ND	0.287/2.36	✓	THCA	21.8 %	218 mg/g		0.344/2.36	✓
CBDA	< LOQ	< LOQ		0.230/2.36	✓	THCV		ND	ND	0.241/2.36	X
CBDV		ND	ND	0.406/2.36	X	THCVA	0.280 %	2.80 mg/g		0.377/2.36	X
CBDVA		ND	ND	0.377/2.36	X	TOTAL THC **	19.7 %	197 mg/g			✓
CBG	< LOQ	< LOQ		0.358/2.36	X	TOTAL CBD **	< LOQ	< LOQ			✓
CBGA	0.582 %	5.82 mg/g		0.212/2.36	X	CBD/PKG		ND			X
CBN		ND	ND	0.417/2.36	X	Δ ⁹ -THC/PKG		5.97 mg			X

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

SOP-2.7: TERPENES BY GC/MS // ANALYST: STUART PROCTER, DATE: JUL 22, 2024

ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
TOTAL TERPENES	1.85 %	18.5 mg/g		N/A	α-PHELLANDRENE	0.00743 %	0.0743 mg/g	0.000275/0.000826	N/A
LIMONENE	0.316 %	3.16 mg/g	0.000275/0.000826	N/A	γ-TERPINENE	0.00496 %	0.0496 mg/g	0.000275/0.000826	N/A
α-PINENE	0.246 %	2.46 mg/g	0.000275/0.000826	N/A	CARYOPHYLLENE	0.00330 %	0.0330 mg/g	0.000275/0.000826	N/A
β-PINENE	0.214 %	2.14 mg/g	0.000275/0.000826	N/A	OXIDE				
TRANS-CARYOPHYLLENE	0.205 %	2.05 mg/g	0.000275/0.000826	N/A	(1S)-(+)-3-CARENE	0.00275 %	0.0275 mg/g	0.000275/0.000826	N/A
β-MYRCENE	0.230 %	2.30 mg/g	0.000275/0.000826	N/A	EUCALYPTOL	0.00275 %	0.0275 mg/g	0.000275/0.000826	N/A
TERPINOLENE	0.0900 %	0.900 mg/g	0.000275/0.000826	N/A	FENCHONE	0.00248 %	0.0248 mg/g	0.000275/0.000826	N/A
LINALOOL	0.0754 %	0.754 mg/g	0.000275/0.000826	N/A	SABINENE HYDRATE	0.00193 %	0.0193 mg/g	0.000275/0.000826	N/A
β-OCIMENE	0.0680 %	0.680 mg/g	0.000275/0.000826	N/A	P-CYMENE	0.000551 %	0.00551 mg/g		N/A
FENCHOL	0.0658 %	0.658 mg/g	0.000275/0.000826	N/A	ISOBORNEOL	< LOQ	< LOQ	0.000275/0.000826	N/A
α-HUMULENE	0.0650 %	0.650 mg/g	0.000275/0.000826	N/A	SABINENE	< LOQ	< LOQ	0.000275/0.000826	N/A
β-FARNESENE	0.0589 %	0.589 mg/g		N/A	CAMPHOR	ND	ND	0.000275/0.000826	N/A
GUAIOL	0.0388 %	0.388 mg/g	0.000275/0.000826	N/A	CEDROL	ND	ND	0.000275/0.000826	N/A
α-TERPINEOL	0.0347 %	0.347 mg/g		N/A	γ-TERPINEOL	ND	ND		N/A
α-BISABOLOL	0.0226 %	0.226 mg/g	0.000275/0.000826	N/A	GERANIOL	ND	ND	0.000275/0.000826	N/A
α-CEDRENE	0.0209 %	0.209 mg/g	0.000275/0.000826	N/A	GERANYL ACETATE	ND	ND	0.000275/0.000826	N/A
TRANS-NEROLIDOL	0.0198 %	0.198 mg/g	0.000275/0.000826	N/A	ISOPULEGOL	ND	ND	0.000275/0.000826	N/A
CIS-NEROLIDOL	0.0157 %	0.157 mg/g	0.000275/0.000826	N/A	MENTHOL	ND	ND	0.000275/0.000826	N/A

REGULATORY COMPLIANCE TESTING

BORNEOL	0.0149 %	0.149 mg/g	0.000275/0.000826	N/A	NEROL	ND	ND0.000275/0.000826	N/A
CAMPHERE	0.0140 %	0.140 mg/g	0.000275/0.000826	N/A	PULEGONE	ND	ND	N/A
α-TERPINENE	0.00771 %	0.0771 mg/g	0.000275/0.000826	N/A	VALENCENE	ND	ND0.000275/0.000826	N/A



THE DATA REPORTED ON THIS CERTIFICATE WAS PRODUCED USING THE STRICT QUALITY CONTROL GUIDELINES OUTLINED IN REGULATION 216-RICR-60-05-6. I ATTEST THAT EACH ANALYSIS HAS BEEN REVIEWED FOR ACCURACY USING THE APPROPRIATE QUALITY CONTROL STANDARDS FOR EACH METHOD. UNLESS OTHERWISE STATED IN THE QC NOTES OR SAMPLE NARRATIVE SECTIONS AT THE BOTTOM OF THIS REPORT, SOP'S WERE FOLLOWED WITHOUT DEVIATION AND QUALITY CONTROL SAMPLES PERFORMED WITHIN THE SPECIFICATIONS ESTABLISHED BY THE LABORATORY. THE DATA PRESENTED HERE IN, APPLIES ONLY TO THE PRODUCTS LISTED IN THIS REPORT. REPORTS CANNOT BE REPRODUCED EXCEPT IN THEIR ENTIRETY.

RESULTS CERTIFIED BY: STUART J PROCTER, PHD
LAB DIRECTOR, PUREVITA LABS
JUL 22, 2024



SOP-2.6: NONVOLATILE PESTICIDES BY LC-MS/MS // ANALYST: EVAN STOLL, DATE: JUL 19, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
ABAMECTIN	50 µg/kg	ND	2.00/6.00	PASS	IMAZALIL	50 µg/kg	ND	2.00/6.00	PASS
ACEQUINOCYL	100 µg/kg	ND	2.00/7.00	PASS	IMIDACLOPRID	100 µg/kg	ND	1.00/3.50	PASS
BIFENAZATE	100 µg/kg	ND	2.50/8.00	PASS	MYCLOBUTANIL	100 µg/kg	ND	5.00/15.0	PASS
BIFENTHRIN	200 µg/kg	ND	3.00/9.00	PASS	PACLOBUTRAZOL	100 µg/kg	ND	1.00/3.00	PASS
CHLORMEQUAT CL	100 µg/kg	ND	2.00/6.00	PASS	SPINOSAD	100 µg/kg	ND		PASS
CYFLUTHRIN	1000 µg/kg	ND	4.00/12.0	PASS	SPIROMESIFEN	100 µg/kg	ND	1.50/4.50	PASS
DAMINOZIDE	50 µg/kg	ND	5.00/15.0	PASS	SPIROTETRAMAT	100 µg/kg	ND	1.50/4.50	PASS
ETOXAZOLE	100 µg/kg	ND	1.00/3.50	PASS	SPIROXAMINE	100 µg/kg	ND		PASS
FENOXYCARB	50 µg/kg	ND	4.00/12.0	PASS	TRIFLOXYSTROB-IN	100 µg/kg	ND	1.50/4.50	PASS



SOP-2.12: MICROBIOLOGICAL CONTAMINANTS BY NEOGEN SOLERIS NG // ANALYST: JOAN STABILA, DATE: JUL 21, 2024

ANALYTE					ANALYTE				
LIMIT AMT (CFU/g) LOD/LOQ (CFU/g) PASS/FAIL					LIMIT AMT (CFU/g) LOD/LOQ (CFU/g) PASS/FAIL				
AEROBIC BACTERIA	100000	ND	1000000/1000000	PASS	ESCHERICHIA COLI	Any amt in 1 gram	ND	1.00/1.00	PASS
BILE-TOLERANT GRAM NEGATIVE BACTERIA	1000	ND	1000/1000	PASS	SALMONELLA SPP.	Any amt in 1 gram	ND	1.00/1.00	PASS
COLIFORMS	1000	ND	1000/1000	PASS	YEAST & MOLD	10000 CFU/g	ND	10000/10000	PASS

SOP-2.10: ELEMENTAL ANALYSIS BY ICP-MS // ANALYST: EVAN KINNIBURGH, DATE: JUL 19, 2024

ANALYTE					ANALYTE				
LIMIT AMT (µg/kg) LOD/LOQ (µg/kg) PASS/FAIL					LIMIT AMT (µg/kg) LOD/LOQ (µg/kg) PASS/FAIL				
ARSENIC	200 µg/kg	19.5	3.13/18.9	PASS	LEAD	500 µg/kg	< LOQ	2.23/18.9	PASS
CADMIUM	200 µg/kg	< LOQ	2.40/18.9	PASS	MERCURY	100 µg/kg	< LOQ	2.49/18.9	PASS

SOP-2.11: WATER ACTIVITY BY NOVASINA LABASTER AW NEO // ANALYST: HENRY RITTER, DATE: JUL 19, 2024

ANALYTE			
LIMIT AMT (Aw) PASS/FAIL			
WATER ACTIVITY			
0.6 Aw			
0.468			
PASS			

