



CERTIFICATE OF ANALYSIS

PRODUCED: JUN 17, 2024

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



BATCH NO.: BD # 181
METRC TAG: 1A42A010000012E000000367
MATRIX: PRE-ROLL
SAMPLE ID: PVL-2406-0190
COLLECTED ON: JUN 12, 2024
RECEIVED ON: JUN 12, 2024
BATCH/SAMPLE SIZE: 695.3 G / 12.76 G
RECEIVED BY: TARA MORGAN
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	21.4 %
TOTAL CBD:	< LOQ %
TOTAL CANNABINOIDS:	25.334 %

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: JUN 14, 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	0.294 %	2.94 mg/g		0.418/2.36	X	Δ ⁹ -THC	0.605 %	6.05 mg/g		0.825/2.36	✓
CBD		ND	ND	0.287/2.36	✓	THCA	23.7 %	237 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	< LOQ	< LOQ		0.377/2.36	X
CBDVA		ND	ND	0.377/2.36	X	TOTAL THC **	21.4 %	214 mg/g			✓
CBG	< LOQ	< LOQ		0.358/2.36	X	TOTAL CBD **	< LOQ	< LOQ			✓
CBGA	0.735 %	7.35 mg/g		0.212/2.36	X	CBD/PKG		ND			X
CBN		ND	ND	0.417/2.36	X	Δ ⁹ -THC/PKG	6.05 mg				X

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

SOP-2.7: TERPENES BY GC/MS // ANALYST: JON PODGORNİ, DATE: JUN 14, 2024

ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
TOTAL TERPENES	1.35 %	13.5 mg/g		N/A	(1S)-(+)-3-CARENE	0.00349 %	0.0349 mg/g	0.000291/0.000873	N/A
LIMONENE	0.291 %	2.91 mg/g	0.000291/0.000873	N/A	α-TERPINENE	0.00349 %	0.0349 mg/g	0.000291/0.000873	N/A
β-MYRCENE	0.194 %	1.94 mg/g	0.000291/0.000873	N/A	γ-TERPINENE	0.00262 %	0.0262 mg/g	0.000291/0.000873	N/A
TRANS-CARYOPHYLLENE	0.175 %	1.75 mg/g	0.000291/0.000873	N/A	FENCHONE	0.00175 %	0.0175 mg/g	0.000291/0.000873	N/A
β-PINENE	0.100 %	1.00 mg/g	0.000291/0.000873	N/A	EUCALYPTOL	0.00146 %	0.0146 mg/g	0.000291/0.000873	N/A
LINALOOL	0.0885 %	0.885 mg/g	0.000291/0.000873	N/A	CAMPHOR	ND	ND	0.000291/0.000873	N/A
FENCHOL	0.0739 %	0.739 mg/g	0.000291/0.000873	N/A	CARYOPHYLLENE	ND	ND	0.000291/0.000873	N/A
TERPINOLENE	0.0646 %	0.646 mg/g	0.000291/0.000873	N/A	OXIDE	ND	ND	0.000291/0.000873	N/A
GUAJOL	0.0617 %	0.617 mg/g	0.000291/0.000873	N/A	CEDROL	ND	ND	0.000291/0.000873	N/A
α-HUMULENE	0.0562 %	0.562 mg/g	0.000291/0.000873	N/A	γ-TERPINEOL	ND	ND	0.000291/0.000873	N/A
α-PINENE	0.0498 %	0.498 mg/g	0.000291/0.000873	N/A	GERANIOL	ND	ND	0.000291/0.000873	N/A
α-BISABOLOL	0.0442 %	0.442 mg/g	0.000291/0.000873	N/A	GERANYL ACETATE	ND	ND	0.000291/0.000873	N/A
α-TERPINEOL	0.0300 %	0.300 mg/g		N/A	ISOBORNEOL	ND	ND	0.000291/0.000873	N/A
BORNEOL	0.0227 %	0.227 mg/g	0.000291/0.000873	N/A	ISOPULEGOL	ND	ND	0.000291/0.000873	N/A
TRANS-NEROLIDOL	0.0201 %	0.201 mg/g	0.000291/0.000873	N/A					
CIS-NEROLIDOL	0.0169 %	0.169 mg/g	0.000291/0.000873	N/A					
β-OCIMENE	0.0154 %	0.154 mg/g	0.000291/0.000873	N/A					
β-FARNESENE	0.0122 %	0.122 mg/g		N/A					

REGULATORY COMPLIANCE TESTING

α-CEDRENE	0.0111 %	0.111 mg/g	0.000291/0.000873	N/A	MENTHOL	ND	ND0.000291/0.000873	N/A
CAMPHENE	0.00990 %	0.0990 mg/g	0.000291/0.000873	N/A	NEROL	ND	ND0.000291/0.000873	N/A
α-PHELLANDRENE	0.00437 %	0.0437 mg/g	0.000291/0.000873	N/A	P-CYMENE	ND	ND	N/A
					PULEGONE	ND	ND	N/A
					SABINENE	ND	ND0.000291/0.000873	N/A
					SABINENE HYDRATE	ND	ND0.000291/0.000873	N/A
					VALENCENE	ND	ND0.000291/0.000873	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
JUN 17, 2024



SOP-2.6: NONVOLATILE PESTICIDES BY LC-MS/MS // ANALYST: EVAN STOLL, DATE: JUN 13, 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: JUN 16, 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					ESCHERICHIA COLI				
BILE-TOLERANT GRAM NEGATIVE BACTERIA					SALMONELLA SPP.				
COLIFORMS					YEAST & MOLD				
100000 CFU/g					Any amt in 1 gram				
1000 CFU/g					Any amt in 1 gram				
1000 CFU/g					10000 CFU/g				
ND					ND				
1000000/100000					1.00/1.00				
PASS					PASS				
ND					1.00/1.00				
PASS					PASS				
ND					10000/10000				
PASS					PASS				

SOP-2.10: ELEMENTAL ANALYSIS BY ICP-MS // ANALYST: EVAN STOLL, DATE: JUN 14, 2024

ANALYTE					ANALYTE				
LIMIT					LIMIT				
AMT (µg/kg)					AMT (µg/kg)				
LOD/LOQ (µg/kg)					LOD/LOQ (µg/kg)				
PASS/FAIL					PASS/FAIL				
ARSENIC					LEAD				
200 µg/kg					500 µg/kg				
200 µg/kg					100 µg/kg				
< LOQ					< LOQ				
6.07/36.8					4.33/36.8				
PASS					PASS				
4.67/36.8					4.85/36.8				
PASS					PASS				

SOP-2.11: WATER ACTIVITY BY NOVASINA LABASTER AW NEO // ANALYST: QUINN NUNEZ, DATE: JUN 13, 2024

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

NOTES

TARA MORGAN	MICROBIOLOGICAL CONTAMINANTS BY NEOGEN SOLERIS NG
JUN 17, 2024	REVIEWED TAM

