

CERTIFICATE OF ANALYSIS

PRODUCED: MAY 27, 2024

SAMPLE: BLUE DREAM (FLOWER) // CLIENT: ARCTIC GREEN, INC // BATCH: PASS



BATCH NO.: BD #181
METRC TAG: 1A42A010000012E000000361
MATRIX: FLOWER
SAMPLE ID: PVL-2405-0309
COLLECTED ON: MAY 22, 2024
RECEIVED ON: MAY 22, 2024
BATCH/SAMPLE SIZE: 832.2 G / 11.12 G
RECEIVED BY: TARA MORGAN

CANNABINOID OVERVIEW	
TOTAL THC:	22.7 %
TOTAL CBD:	< LOQ %
TOTAL CANNABINOIDS:	27.127 %

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: MAY 24, 2024

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED
CBC	< LOQ	< LOQ		0.413/2.33	X	CBN		ND	ND	0.412/2.33	X
CBCA	0.343 %	3.43 mg/g		0.413/2.33	X	Δ ⁸ -THC		ND	ND	0.535/2.33	X
CBD	ND	ND		0.283/2.33	✓	Δ ⁹ -THC	0.452 %	4.52 mg/g		0.815/2.33	✓
CBDA	< LOQ	< LOQ		0.227/2.33	✓	THCA	25.4 %	254 mg/g		0.340/2.33	✓
CBDV	ND	ND		0.401/2.33	X	THCV		ND	ND	0.238/2.33	X
CBDVA	ND	ND		0.373/2.33	X	THCVA	< LOQ	< LOQ		0.373/2.33	X
CBG	< LOQ	< LOQ		0.354/2.33	X	TOTAL THC **	22.7 %	227 mg/g			✓
CBGA	0.932 %	9.32 mg/g		0.209/2.33	X	TOTAL CBD **	< LOQ	< LOQ			✓

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

SOP-2.7: TERPENES BY GC/MS // ANALYST: JON PODGORNI, DATE: MAY 24, 2024

ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
TOTAL TERPENES	1.82 %	18.2 mg/g		N/A	EUCALYPTOL	0.00215 %	0.0215 mg/g	0.000269/0.000806	N/A
LIMONENE	0.454 %	4.54 mg/g	0.000269/0.000806	N/A	α-TERPINENE	0.00161 %	0.0161 mg/g	0.000269/0.000806	N/A
β-MYRCENE	0.385 %	3.85 mg/g	0.000269/0.000806	N/A	γ-TERPINENE	0.00161 %	0.0161 mg/g	0.000269/0.000806	N/A
TRANS-CARYOPHYLLENE	0.175 %	1.75 mg/g	0.000269/0.000806	N/A	α-PHELLANDRENE	0.00134 %	0.0134 mg/g	0.000269/0.000806	N/A
FENCHOL	0.128 %	1.28 mg/g	0.000269/0.000806	N/A	(1S)-(+)-3-CARENE	ND	ND	0.000269/0.000806	N/A
β-PINENE	0.113 %	1.13 mg/g	0.000269/0.000806	N/A	CAMPHOR	ND	ND	0.000269/0.000806	N/A
α-TERPINEOL	0.111 %	1.11 mg/g		N/A	CARYOPHYLLENE	ND	ND	0.000269/0.000806	N/A
GUAIOL	0.0997 %	0.997 mg/g	0.000269/0.000806	N/A	OXIDE	ND	ND	0.000269/0.000806	N/A
α-HUMULENE	0.0669 %	0.669 mg/g	0.000269/0.000806	N/A	CEDROL	ND	ND	0.000269/0.000806	N/A
LINALOOL	0.0591 %	0.591 mg/g	0.000269/0.000806	N/A	γ-TERPINEOL	ND	ND		N/A
α-PINENE	0.0457 %	0.457 mg/g	0.000269/0.000806	N/A	GERANIOL	ND	ND	0.000269/0.000806	N/A
BORNEOL	0.0454 %	0.454 mg/g	0.000269/0.000806	N/A	GERANYL ACETATE	ND	ND	0.000269/0.000806	N/A
α-BISABOLOL	0.0325 %	0.325 mg/g	0.000269/0.000806	N/A	ISOBORNEOL	ND	ND	0.000269/0.000806	N/A
TERPINOLENE	0.0226 %	0.226 mg/g	0.000269/0.000806	N/A	ISOPULEGOL	ND	ND	0.000269/0.000806	N/A
TRANS-NEROLIDOL	0.0215 %	0.215 mg/g	0.000269/0.000806	N/A	MENTHOL	ND	ND	0.000269/0.000806	N/A
CIS-NEROLIDOL	0.0167 %	0.167 mg/g	0.000269/0.000806	N/A	NEROL	ND	ND	0.000269/0.000806	N/A
CAMPHENE	0.0148 %	0.148 mg/g	0.000269/0.000806	N/A					
β-FARNESENE	0.00725 %	0.0725 mg/g		N/A					

REGULATORY COMPLIANCE TESTING

β-OCIMENE	0.00698 %	0.0698 mg/g	0.000269/0.000806	N/A	P-CYMENE	ND	ND	N/A
α-CEDRENE	0.00591 %	0.0591 mg/g	0.000269/0.000806	N/A	PULEGONE	ND	ND	N/A
FENCHONE	0.00242 %	0.0242 mg/g	0.000269/0.000806	N/A	SABINENE	ND	ND0.000269/0.000806	N/A
					SABINENE HYDRATE	ND	ND0.000269/0.000806	N/A
					VALENCENE	ND	ND0.000269/0.000806	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
MAY 27, 2024



SOP-2.6: NONVOLATILE PESTICIDES BY LC-MS/MS // ANALYST: EVAN STOLL, DATE: MAY 23, 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: MAY 27, 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: MAY 23, 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	< LOQ	3.08/18.7	PASS	LEAD	500 µg/kg	< LOQ	2.20/18.7	PASS
CADMIUM	200 µg/kg	< LOQ	2.37/18.7	PASS	MERCURY	100 µg/kg	< LOQ	2.46/18.7	PASS

SOP-2.11: WATER ACTIVITY BY NOVASINA LABASTER AW NEO // ANALYST: HENRY RITTER, DATE: MAY 23, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.6 Aw	0.478	PASS

