

CERTIFICATE OF ANALYSIS

PRODUCED: JUN 26, 2024

SAMPLE: GREAT WHITE SHARK (FLOWER) // CLIENT: ARCTIC GREEN, INC // BATCH: PASS



BATCH NO.: GWS #182
METRC TAG: 1A42A010000012E000000372
MATRIX: FLOWER
SAMPLE ID: PVL-2406-0342
COLLECTED ON: JUN 21, 2024
RECEIVED ON: JUN 21, 2024
BATCH/SAMPLE SIZE: 650.5 G / 11.95 G
RECEIVED BY: TARA MORGAN

CANNABINOID OVERVIEW	
TOTAL THC:	16.5 %
TOTAL CBD:	< LOQ %
TOTAL CANNABINOIDS:	19.091 %

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: STUART PROCTER, DATE: JUN 25, 2024

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED
CBC		ND	ND	0.401/2.26	X	CBN		ND	ND	0.400/2.26	X
CBCA	< LOQ	< LOQ	< LOQ	0.401/2.26	X	Δ ⁸ -THC		ND	ND	0.519/2.26	X
CBD		ND	ND	0.275/2.26	✓	Δ ⁹ -THC	0.417 %	4.17 mg/g	4.17 mg/g	0.791/2.26	✓
CBDA	< LOQ	< LOQ	< LOQ	0.221/2.26	✓	THCA	18.3 %	183 mg/g	183 mg/g	0.329/2.26	✓
CBDV		ND	ND	0.389/2.26	X	THCV		ND	ND	0.231/2.26	X
CBDVA		ND	ND	0.362/2.26	X	THCVA	< LOQ	< LOQ	< LOQ	0.362/2.26	X
CBG	< LOQ	< LOQ	< LOQ	0.344/2.26	X	TOTAL THC **	16.5 %	165 mg/g	165 mg/g		✓
CBGA	0.374 %	3.74 mg/g	3.74 mg/g	0.203/2.26	X	TOTAL CBD **	< LOQ	< LOQ	< LOQ		✓

** 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: JUN 26, 2024

ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
TOTAL TERPENES	2.21 %	22.1 mg/g		N/A	β-OCIMENE	0.00386 %	0.0386 mg/g	0.000276/0.000827	N/A
β-MYRCENE	0.491 %	4.91 mg/g	0.000276/0.000827	N/A	FENCHONE	0.00276 %	0.0276 mg/g	0.000276/0.000827	N/A
LIMONENE	0.384 %	3.84 mg/g	0.000276/0.000827	N/A	CEDROL	0.00165 %	0.0165 mg/g	0.000276/0.000827	N/A
TRANS-CARYOPHYLLENE	0.315 %	3.15 mg/g	0.000276/0.000827	N/A	γ-TERPINENE	0.00110 %	0.0110 mg/g	0.000276/0.000827	N/A
LINALOOL	0.295 %	2.95 mg/g	0.000276/0.000827	N/A	α-PHELLANDRENE	0.000827 %	0.00827 mg/g	0.000276/0.000827	N/A
β-PINENE	0.115 %	1.15 mg/g	0.000276/0.000827	N/A	α-TERPINENE	0.000827 %	0.00827 mg/g	0.000276/0.000827	N/A
α-HUMULENE	0.113 %	1.13 mg/g	0.000276/0.000827	N/A	PULEGONE	0.000276 %	0.00276 mg/g		N/A
FENCHOL	0.105 %	1.05 mg/g	0.000276/0.000827	N/A	(1S)-(+)-3-CARENE	< LOQ	< LOQ	0.000276/0.000827	N/A
γ-TERPINEOL	0.0833 %	0.833 mg/g		N/A	CAMPHOR	< LOQ	< LOQ	0.000276/0.000827	N/A
SABINENE	0.0725 %	0.725 mg/g	0.000276/0.000827	N/A	SABINENE HYDRATE	< LOQ	< LOQ	0.000276/0.000827	N/A
α-TERPINEOL	0.0549 %	0.549 mg/g		N/A	CARYOPHYLLENE OXIDE	ND	ND	0.000276/0.000827	N/A
α-PINENE	0.0502 %	0.502 mg/g	0.000276/0.000827	N/A	EUCALYPTOL	ND	ND	0.000276/0.000827	N/A
TRANS-NEROLIDOL	0.0185 %	0.185 mg/g	0.000276/0.000827	N/A	GERANIOL	ND	ND	0.000276/0.000827	N/A
CIS-NEROLIDOL	0.0179 %	0.179 mg/g	0.000276/0.000827	N/A	GERANYL ACETATE	ND	ND	0.000276/0.000827	N/A
BORNEOL	0.0165 %	0.165 mg/g	0.000276/0.000827	N/A	GUAIOL	ND	ND	0.000276/0.000827	N/A
VALENCENE	0.0149 %	0.149 mg/g	0.000276/0.000827	N/A	ISOBORNEOL	ND	ND	0.000276/0.000827	N/A
TERPINOLENE	0.0135 %	0.135 mg/g	0.000276/0.000827	N/A					
β-FARNESENE	0.0130 %	0.130 mg/g		N/A					
CAMPHENE	0.0127 %	0.127 mg/g	0.000276/0.000827	N/A					

REGULATORY COMPLIANCE TESTING

α-BISABOLOL	0.00524	0.0524	0.000276/0.000827	N/A	ISOPULEGOL	ND	ND0.000276/0.000827	N/A
	%	mg/g			MENTHOL	ND	ND0.000276/0.000827	N/A
α-CEDRENE	0.00524	0.0524	0.000276/0.000827	N/A	NEROL	ND	ND0.000276/0.000827	N/A
	%	mg/g			P-CYMENE	ND	ND	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 26, 2024



SOP-2.6: NONVOLATILE PESTICIDES BY LC-MS/MS // ANALYST: EVAN KINNIBURGH, DATE: JUN 24, 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 25, 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: JUN 24, 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	3.14/19.0	PASS	LEAD	500 µg/kg	< LOQ	2.24/19.0	PASS
CADMIUM	200 µg/kg	< LOQ	2.41/19.0	PASS	MERCURY	100 µg/kg	< LOQ	2.51/19.0	PASS

SOP-2.11: WATER ACTIVITY BY NOVASINA LABASTER AW NEO // ANALYST: HENRY RITTER, DATE: JUN 24, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.6 Aw	0.524	PASS

NOTES

TARA MORGAN JUN 25, 2024	MICROBIOLOGICAL CONTAMINANTS BY NEOGEN SOLERIS NG REVIEWED TAM
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