

CERTIFICATE OF ANALYSIS

PRODUCED: JUN 26, 2024

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



BATCH NO.: MINTZ # 183  
 METRC TAG: 1A42A010000012E0000000373  
 MATRIX: PRE-ROLL  
 SAMPLE ID: PVL-2406-0343  
 COLLECTED ON: JUN 21, 2024  
 RECEIVED ON: JUN 21, 2024  
 BATCH/SAMPLE SIZE: 500 G / 12.27 G  
 RECEIVED BY: TARA MORGAN  
 PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	24.7 %
TOTAL CBD:	< LOQ %
TOTAL CANNABINOIDS:	29.66 %

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
CBC	< LOQ	< LOQ		0.400/2.26	X
CBCA	0.393 %	3.93 mg/g		0.400/2.26	X
CBD	ND	ND		0.274/2.26	✓
CBDA	< LOQ	< LOQ		0.220/2.26	✓
CBDV	ND	ND		0.388/2.26	X
CBDVA	ND	ND		0.361/2.26	X
CBG	< LOQ	< LOQ		0.343/2.26	X
CBGA	0.839 %	8.39 mg/g		0.203/2.26	X
CBN	ND	ND		0.399/2.26	X

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED
Δ <sup>8</sup> -THC		ND	ND	0.518/2.26	X
Δ <sup>9</sup> -THC	0.447 %	4.47 mg/g		0.789/2.26	✓
THCA	27.7 %	277 mg/g		0.329/2.26	✓
THCV		ND	ND	0.231/2.26	X
THCVA	0.281 %	2.81 mg/g		0.361/2.26	X
TOTAL THC **	24.7 %	247 mg/g			✓
TOTAL CBD **	< LOQ	< LOQ			✓
CBD/PKG		ND			X
Δ <sup>9</sup> -THC/PKG		4.47 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: JUN 26, 2024

ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
TOTAL TERPENES	1.73 %	17.3 mg/g		N/A
β-MYRCENE	0.318 %	3.18 mg/g	0.000279/0.000836	N/A
TRANS-CARYOPHYLLENE	0.187 %	1.87 mg/g	0.000279/0.000836	N/A
LINALOOL	0.154 %	1.54 mg/g	0.000279/0.000836	N/A
LIMONENE	0.320 %	3.20 mg/g	0.000279/0.000836	N/A
FENCHOL	0.110 %	1.10 mg/g	0.000279/0.000836	N/A
β-PINENE	0.0990 %	0.990 mg/g	0.000279/0.000836	N/A
γ-TERPINEOL	0.0931 %	0.931 mg/g		N/A
α-TERPINEOL	0.0633 %	0.633 mg/g		N/A
SABINENE	0.0625 %	0.625 mg/g	0.000279/0.000836	N/A
α-HUMULENE	0.0588 %	0.588 mg/g	0.000279/0.000836	N/A
GUAJOL	0.0513 %	0.513 mg/g	0.000279/0.000836	N/A
α-PINENE	0.0371 %	0.371 mg/g	0.000279/0.000836	N/A
α-BISABOLOL	0.0318 %	0.318 mg/g	0.000279/0.000836	N/A
β-FARNESENE	0.0229 %	0.229 mg/g		N/A
VALENCENE	0.0209 %	0.209 mg/g	0.000279/0.000836	N/A
BORNEOL	0.0170 %	0.170 mg/g	0.000279/0.000836	N/A
α-CEDRENE	0.0128 %	0.128 mg/g	0.000279/0.000836	N/A
TRANS-NEROLIDOL	0.0120 %	0.120 mg/g	0.000279/0.000836	N/A

ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
CEDROL	0.0112 %	0.112 mg/g	0.000279/0.000836	N/A
TERPINOLENE	0.00586 %	0.0586 mg/g	0.000279/0.000836	N/A
NEROL	0.00390 %	0.0390 mg/g	0.000279/0.000836	N/A
FENCHONE	0.00335 %	0.0335 mg/g	0.000279/0.000836	N/A
GERANYL ACETATE	0.00307 %	0.0307 mg/g	0.000279/0.000836	N/A
β-OCIMENE	0.00279 %	0.0279 mg/g	0.000279/0.000836	N/A
EUCALYPTOL	0.00195 %	0.0195 mg/g	0.000279/0.000836	N/A
γ-TERPINENE	0.00139 %	0.0139 mg/g	0.000279/0.000836	N/A
CARYOPHYLLENE OXIDE	0.00112 %	0.0112 mg/g	0.000279/0.000836	N/A
α-TERPINENE	0.000836 %	0.00836 mg/g	0.000279/0.000836	N/A
GERANIOL	0.000836 %	0.00836 mg/g	0.000279/0.000836	N/A
PULEGONE	0.000279 %	0.00279 mg/g		N/A
(1S)-(+)-3-CARENE	< LOQ	< LOQ	0.000279/0.000836	N/A
α-PHELLANDRENE	< LOQ	< LOQ	0.000279/0.000836	N/A
CAMPHOR	< LOQ	< LOQ	0.000279/0.000836	N/A

# REGULATORY COMPLIANCE TESTING

CAMPHENE	0.0117 %	0.117 mg/g	0.000279/0.000836	N/A	SABINENE HYDRATE	< LOQ	< LOQ	0.000279/0.000836	N/A
CIS-NEROLIDOL	0.0117 %	0.117 mg/g	0.000279/0.000836	N/A	ISOBORNEOL	ND	ND	0.000279/0.000836	N/A
					ISOPULEGOL	ND	ND	0.000279/0.000836	N/A
					MENTHOL	ND	ND	0.000279/0.000836	N/A
					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
ABAMECTIN	50 µg/kg	ND	2.00/6.00	PASS
ACEQUINOCYL	100 µg/kg	ND	2.00/7.00	PASS
BIFENAZATE	100 µg/kg	ND	2.50/8.00	PASS
BIFENTHRIN	200 µg/kg	ND	3.00/9.00	PASS
CHLORMEQUAT CL	100 µg/kg	ND	2.00/6.00	PASS
CYFLUTHRIN	1000 µg/kg	ND	4.00/12.0	PASS
DAMINOZIDE	50 µg/kg	ND	5.00/15.0	PASS
ETOXAZOLE	100 µg/kg	ND	1.00/3.50	PASS
FENOXYCARB	50 µg/kg	ND	4.00/12.0	PASS

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
IMAZALIL	50 µg/kg	ND	2.00/6.00	PASS
IMIDACLOPRID	100 µg/kg	ND	1.00/3.50	PASS
MYCLOBUTANIL	100 µg/kg	ND	5.00/15.0	PASS
PACLOBUTRAZOL	100 µg/kg	ND	1.00/3.00	PASS
SPINOSAD	100 µg/kg	ND		PASS
SPIROMESIFEN	100 µg/kg	ND	1.50/4.50	PASS
SPIROTETRAMAT	100 µg/kg	ND	1.50/4.50	PASS
SPIROXAMINE	100 µg/kg	ND		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	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
AEROBIC BACTERIA	100000	ND	100000/100000	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	1000	1000/1000	PASS

**SOP-2.10: ELEMENTAL ANALYSIS BY ICP-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
ARSENIC	200 µg/kg	< LOQ	3.38/20.5	PASS	LEAD	500 µg/kg	< LOQ	2.41/20.5	PASS
CADMIUM	200 µg/kg	< LOQ	2.60/20.5	PASS	MERCURY	100 µg/kg	< LOQ	2.70/20.5	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	0.525	PASS

**NOTES**

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

