

CERTIFICATE OF ANALYSIS

PRODUCED: APR 30, 2024

SAMPLE: GELATO 45 (FLOWER) // CLIENT: ARCTIC GREEN, INC // BATCH: PASS



BATCH NO.: GELATO #173
METRC TAG: 1A42A010000012E000000345
MATRIX: FLOWER
SAMPLE ID: PVL-2404-0382
COLLECTED ON: APR 26, 2024
RECEIVED ON: APR 26, 2024
BATCH/SAMPLE SIZE: 1167 G / 9.58 G
RECEIVED BY: HENRY RITTER
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	25.4 %
TOTAL CBD:	< LOQ %
TOTAL CANNABINOIDS:	30.468 %

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: APR 30, 2024

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	REGULATED
CBC		ND	ND	0.409/2.31	X	Δ ⁸ -THC		ND	ND	0.530/2.31	X
CBCA	0.316 %	3.16 mg/g		0.409/2.31	X	Δ ⁹ -THC	0.452 %	4.52 mg/g		0.808/2.31	✓
CBD		ND	ND	0.281/2.31	✓	THCA	28.4 %	284 mg/g		0.337/2.31	✓
CBDA	< LOQ	< LOQ		0.225/2.31	✓	THCV		ND	ND	0.236/2.31	X
CBDV		ND	ND	0.397/2.31	X	THCVA	< LOQ	< LOQ		0.370/2.31	X
CBDVA		ND	ND	0.370/2.31	X	TOTAL THC **	25.4 %	254 mg/g			✓
CBG	< LOQ	< LOQ		0.351/2.31	X	TOTAL CBD **	< LOQ	< LOQ			✓
CBGA	1.30 %	13.0 mg/g		0.207/2.31	X	CBD/PKG		ND			X
CBN		ND	ND	0.408/2.31	X	Δ ⁹ -THC/PKG	4.52 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 PODGORN, DATE: APR 30, 2024

ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL	ANALYTE	AMT	AMT	LOD/LOQ (%)	PASS/FAIL
TOTAL TERPENES	2.38 %	23.8 mg/g		N/A	α-TERPINENE	0.00137 %	0.0137 mg/g	0.000275/0.000825	N/A
β-MYRCENE	1.28 %	12.8 mg/g	0.000275/0.000825	N/A	γ-TERPINENE	0.00137 %	0.0137 mg/g	0.000275/0.000825	N/A
LIMONENE	0.314 %	3.14 mg/g	0.000275/0.000825	N/A	α-PHELLANDRENE	0.000825 %	0.00825 mg/g	0.000275/0.000825	N/A
TRANS-CARYOPHYLLENE	0.129 %	1.29 mg/g	0.000275/0.000825	N/A	γ-TERPINEOL	ND	ND		N/A
FENCHOL	0.118 %	1.18 mg/g	0.000275/0.000825	N/A	P-CYMENTHENE	ND	ND		N/A
β-PINENE	0.110 %	1.10 mg/g	0.000275/0.000825	N/A	PULEGONE	ND	ND		N/A
LINALOOL	0.0822 %	0.822 mg/g	0.000275/0.000825	N/A	(1S)-(+)-3-CARENE	ND	ND	0.000275/0.000825	N/A
α-TERPINEOL	0.0797 %	0.797 mg/g		N/A	CAMPOR	ND	ND	0.000275/0.000825	N/A
α-BISABOLOL	0.0690 %	0.690 mg/g	0.000275/0.000825	N/A	CARYOPHYLLENE	ND	ND	0.000275/0.000825	N/A
BORNEOL	0.0445 %	0.445 mg/g	0.000275/0.000825	N/A	OXIDE				
α-PINENE	0.0377 %	0.377 mg/g	0.000275/0.000825	N/A	CEDROL	ND	ND	0.000275/0.000825	N/A
α-HUMULENE	0.0374 %	0.374 mg/g	0.000275/0.000825	N/A	EUCALYPTOL	ND	ND	0.000275/0.000825	N/A
β-FARNESENE	0.0212 %	0.212 mg/g		N/A	GERANIOL	ND	ND	0.000275/0.000825	N/A
CAMPHERE	0.0124 %	0.124 mg/g	0.000275/0.000825	N/A	GERANYL ACETATE	ND	ND	0.000275/0.000825	N/A
α-CEDRENE	0.00990 %	0.0990 mg/g	0.000275/0.000825	N/A	ISOBORNEOL	ND	ND	0.000275/0.000825	N/A
CIS-NEROLIDOL	0.00880 %	0.0880 mg/g	0.000275/0.000825	N/A	ISOPULEGOL	ND	ND	0.000275/0.000825	N/A
					MENTHOL	ND	ND	0.000275/0.000825	N/A
					NEROL	ND	ND	0.000275/0.000825	N/A

REGULATORY COMPLIANCE TESTING

TRANS-NEROLIDOL	0.00715 %	0.0715 mg/g	0.000275/0.000825	N/A	SABINENE	ND	ND0.000275/0.000825	N/A
GUAJOL	0.00605 %	0.0605 mg/g	0.000275/0.000825	N/A	SABINENE HYDRATE	ND	ND0.000275/0.000825	N/A
TERPINOLENE	0.00577 %	0.0577 mg/g	0.000275/0.000825	N/A	VALENCENE	ND	ND0.000275/0.000825	N/A
FENCHONE	0.00467 %	0.0467 mg/g	0.000275/0.000825	N/A				
β-OCIMENE	0.00165 %	0.0165 mg/g	0.000275/0.000825	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
APR 30, 2024



SOP-2.6: NONVOLATILE PESTICIDES BY LC-MS/MS // ANALYST: EVAN STOLL, DATE: APR 29, 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: APR 30, 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	CFU/g	ND	100000/100000	PASS	ESCHERICHIA COLI	Any amt in 1 gram	ND	1.00/1.00	PASS
BILE-TOLERANT GRAM NEGATIVE BACTERIA		1000	CFU/g	ND	1000/1000	PASS	SALMONELLA SPP.	Any amt in 1 gram	ND	1.00/1.00	PASS
COLIFORMS		1000	CFU/g	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: APR 29, 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	3.32/20.1	PASS	LEAD		500 µg/kg	< LOQ	2.36/20.1	PASS
CADMIUM		200 µg/kg	< LOQ	2.55/20.1	PASS	MERCURY		100 µg/kg	< LOQ	2.65/20.1	PASS

SOP-2.11: WATER ACTIVITY BY NOVASINA LABASTER AW NEO // ANALYST: QUINN NUNEZ, DATE: APR 29, 2024, ANALYST: JOSHUA VANVOORHIS, DATE: APR 29, 2024

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.6 Aw	0.435	PASS

NOTES

TARA MORGAN APR 30, 2024	MICROBIOLOGICAL CONTAMINANTS BY NEOGEN SOLERIS NG REVIEWED TAM
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