



CERTIFICATE OF ANALYSIS

PRODUCED: JUN 30, 2025



CULTIVATOR INFO

CULTIVATOR
253
253 MILLERS FALLS RD
TURNERS FALLS, MA 01376

LICENSE
MC281258
ADULT-USE - CULTIVATOR LICENSE

BATCH NO.: EMERGEN-C-051625-8

TEST PKG: 1A40A0300001195000022056

SRC PKG: 1A40A0300001195000022055

MATRIX: FLOWER

SAMPLE ID: STL-250624-044

SAMPLE NAME: M00001598941: EMERGEN-C BUDS

TESTING DATES: JUN 25, 2025 - JUN 27, 2025

RECEIVED ON: JUN 24, 2025

COA EXPIRATION DATE: JUN 30, 2026

BATCH RESULT: PASS			
POTENCY	29.110 % TOTAL AVAILABLE CANNABINOIDS	MYCOTOXINS	PASS
METALS	PASS	PESTICIDES	PASS
MICROBIAL	PASS	TERPENES	2.638 %
MOISTURE	8.729 %		

CANNABINOID OVERVIEW	
TOTAL THC:	24.579 %
TOTAL CBD:	< LOQ %
TOTAL AVAILABLE CANNABINOIDS:	29.110 %

RESULTS CERTIFIED BY: ANDREW DOYON
DATA ANALYST, SAFETIVA LABS
JUN 30, 2025

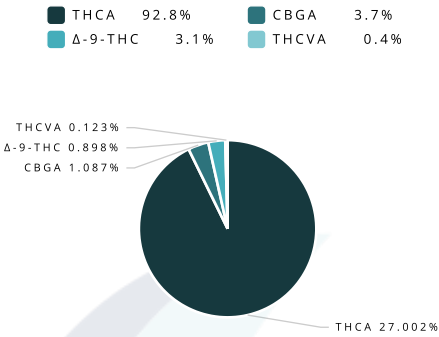


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TM-1: CANNABINOIDS BY HPLC-UV // JUN 27, 2025
ANALYSTS ID: 164282

ANALYTE	LOQ (%)	AMT	AMT
Total Available Cannabinoids * ¹	29.110 %	291.10 mg/g	
Total THC * ²	24.579 %	245.79 mg/g	
Total CBD * ³	< LOQ	< LOQ	
THCA	0.1	27.002 %	270.02 mg/g
CBGA	0.1	1.087 %	10.87 mg/g
Δ ⁹ -THC	0.1	0.898 %	8.98 mg/g
THCVA	0.1	0.123 %	1.23 mg/g
CBCA	0.5	< LOQ	< LOQ
CBDA	0.1	< LOQ	< LOQ
CBDVA	0.1	< LOQ	< LOQ
CBG	0.1	< LOQ	< LOQ
CBC	0.1	ND	ND
CBD	0.1	ND	ND
CBDV	0.1	ND	ND
CBL	0.1	ND	ND
CBN	0.1	ND	ND
CBNA	0.1	ND	ND
Δ ⁸ -THC	0.1	ND	ND
THCV	0.1	ND	ND

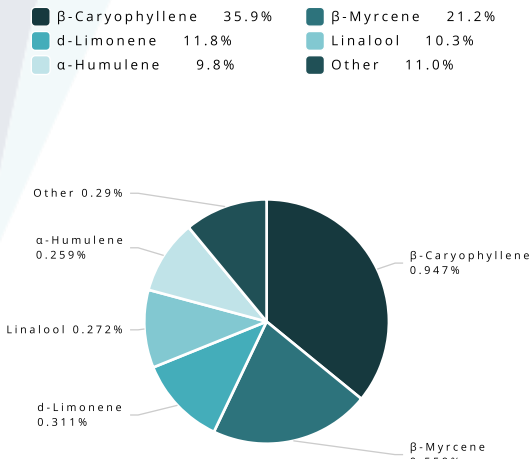
*¹ TOTAL AVAILABLE CANNABINOIDS = CBC + CBCA + CBD + CBDA + CBDV + CBDVA + CBG + CBGA + CBL + CBN + CBNA + DELTA-8-THC + DELTA-9-THC + THCA + THCV + THCVA
*² TOTAL THC = (THCA X 0.877) + DELTA-9-THC
*³ TOTAL CBD = (CBDA X 0.877) + CBD



TM-5: TERPENES BY GC-MS // JUN 26, 2025
ANALYSTS ID: 158120

ANALYTE	LOQ (%)	AMT (%)	AMT (mg/g)
Total Terpenes		2.638	26.38
β-Caryophyllene	0.0250	0.947	9.47
β-Myrcene	0.0250	0.559	5.59
d-Limonene	0.0250	0.311	3.11
Linalool	0.0250	0.272	2.72
α-Humulene	0.0250	0.259	2.59
α-Bisabolol	0.0500	0.131	1.31
Guaiol	0.0250	0.094	0.94
β-Pinene	0.0250	0.038	0.38
trans-Nerolidol	0.0150	0.027	0.27
α-Pinene	0.0250	< LOQ	< LOQ
Camphene	0.0250	< LOQ	< LOQ
Caryophyllene Oxide	0.0250	< LOQ	< LOQ
Terpinolene	0.0250	< LOQ	< LOQ
3-Carene	0.0250	ND	ND
α-Terpinene	0.0250	ND	ND
β-Ocimene	0.0180	ND	ND
cis-β-Ocimene	0.0070	ND	ND
cis-Nerolidol	0.0100	ND	ND
Eucalyptol	0.0250	ND	ND
γ-Terpinene	0.0250	ND	ND
Geraniol	0.0250	ND	ND
Isopulegol	0.0250	ND	ND
p-Cymene*	0.0250	ND	ND

* BEYOND SCOPE OF ACCREDITATION
DRY-WEIGHT AMOUNTS SHOWN



TM-7: MOISTURE CONTENT BY MOISTURE ANALYZER // JUN 25, 2025
ANALYSTS ID: 164282

ANALYTE	AMT (%)
Moisture	8.729

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[Signature]



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TM-4: MYCOTOXINS BY LC-MS/MS // JUN 26, 2025
ANALYSTS ID: 158120

ANALYTE	LOQ (ppb)	LIMIT (ppb)	AMT (ppb)	PASS/FAIL
Aflatoxin B1	4.0	20	ND	Pass
Aflatoxin B2	4.0	20	ND	Pass
Aflatoxin G1	4.0	20	ND	Pass
Aflatoxin G2	4.0	20	ND	Pass
Total Aflatoxins		20	ND	Pass
Ochratoxin A	4.0	20	ND	Pass

TM-4: PESTICIDES BY LC-MS/MS // JUN 26, 2025
ANALYSTS ID: 158120

ANALYTE	LOQ (ppb)	LIMIT (ppb)	AMT (ppb)	PASS/FAIL
Bifenazate	5.0	10	ND	Pass
Bifenthrin	5.0	10	ND	Pass
Cyfluthrin	5.0	10	ND	Pass
Etoxazole	5.0	10	ND	Pass
Imazalil	5.0	10	ND	Pass
Imidacloprid	5.0	10	ND	Pass
Myclobutanil	5.0	10	ND	Pass
Spiromesifen	5.0	10	ND	Pass
Trifloxystrobin	5.0	10	ND	Pass

TM-2: HEAVY METALS BY ICP-MS // JUN 26, 2025
ANALYSTS ID: 157426

ANALYTE	LOQ (ppb)	LIMIT (ppb)	AMT (ppb)	PASS/FAIL
Arsenic	100.0	200	< LOQ	Pass
Cadmium	100.0	200	< LOQ	Pass
Lead	200.0	500	< LOQ	Pass
Mercury	50.0	100	< LOQ	Pass

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TM-8: PATHOGENIC BACTERIA BY PCR // JUN 26, 2025
ANALYSTS ID: 163077

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Salmonella spp.	Any amt in 1 gram	ND	Pass
Shiga toxin-producing E. coli	Any amt in 1 gram	ND	Pass

TM-8: PATHOGENIC BACTERIA BY 3M / PETRIFILM PLATING // JUN 26, 2025
ANALYSTS ID: 158277

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Bile-Tolerant Gram Negative Bacteria*	1000	ND	Pass
Coliforms	1000	ND	Pass

* BEYOND SCOPE OF ACCREDITATION

TM-8: TOTAL AEROBIC BACTERIA BY 3M / PETRIFILM PLATING // JUN 26, 2025
ANALYSTS ID: 158277

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Aerobic Bacteria	100000	ND	Pass

TM-8: TOTAL YEAST AND MOLD BY 3M / PETRIFILM PLATING // JUN 27, 2025
ANALYSTS ID: 163077

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Yeast & Mold	10000	ND	Pass

ACCREDITATIONS



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A handwritten signature in black ink, appearing to be 'A. Doyon'.



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