

CERTIFICATE OF ANALYSIS

PRODUCED: AUG 12, 2026



MANUFACTURER INFO

MANUFACTURER
HUDSON BOTANICAL PROCESSING, LLC
9 KANE INDUSTRIAL DR., UNIT 1
HUDSON, MA 01749

LICENSE
MP281588
ADULT-USE - MANUFACTURING
LICENSE

BATCH NO.: 260805LD-IPR-D

TEST PKG: 1A40A0300003715000042284

SRC PKG: 1A40A0300003715000042305

MATRIX: INFUSED FLOWER

SAMPLE ID: STL-260807-014

SAMPLE NAME: COLLECTIVE | LIME DIESEL |
1.0G IPR | BULK LIT CANNONS

TESTING DATES: AUG 10, 2026 - AUG 12, 2026

RECEIVED ON: AUG 07, 2026

COA EXPIRATION DATE: AUG 12, 2027

BATCH RESULT: PASS

POTENCY	48.3 % TOTAL AVAILABLE CANNABINOIDS
METALS	PASS
MICROBIAL	PASS
MOISTURE	4.348 %

MYCOTOXINS	PASS
SOLVENTS	PASS
TERPENES	1.433 %

CANNABINOID OVERVIEW

TOTAL THC:	44.8 %
TOTAL CBD:	< LOQ
TOTAL AVAILABLE CANNABINOIDS:	48.3 %

RESULTS CERTIFIED BY: SHANTELE GEORGE
LABORATORY DIRECTOR, SAFETIVA LABS
AUG 12, 2026



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TM-1: CANNABINOIDS BY HPLC-UV // AUG 11, 2026

ANALYSTS ID: 158120

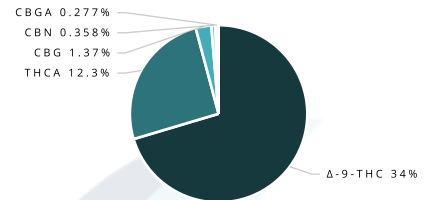
ANALYTE	LOQ (%)	AMT	AMT
Total Available Cannabinoids * ¹		48.3 %	483 mg/g
Total THC * ²		44.8 %	448 mg/g
Total CBD * ³		< LOQ	< LOQ
Δ ⁹ -THC	0.2	34.0 %	340 mg/g
THCA	0.2	12.3 %	123 mg/g
CBG	0.2	1.37 %	13.7 mg/g
CBN	0.2	0.358 %	3.58 mg/g
CBGA	0.2	0.277 %	2.77 mg/g
CBC	0.2	< LOQ	< LOQ
CBD	0.2	< LOQ	< LOQ
CBDA	0.2	< LOQ	< LOQ
CBDVA	0.2	< LOQ	< LOQ
Δ ⁸ -THC	0.2	< LOQ	< LOQ
THCV	0.2	< LOQ	< LOQ
CBCA	1	ND	ND
CBDV	0.2	ND	ND
CBL	0.2	ND	ND
CBNA	0.2	ND	ND
THCVA	0.2	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 = DELTA-9-THC + (THCA X 0.877)

*³ TOTAL CBD = CBD + (CBDA X 0.877)

Δ-9-THC 70.4% THCA 25.5% CBG 2.8%
CBN 0.7% CBGA 0.6%

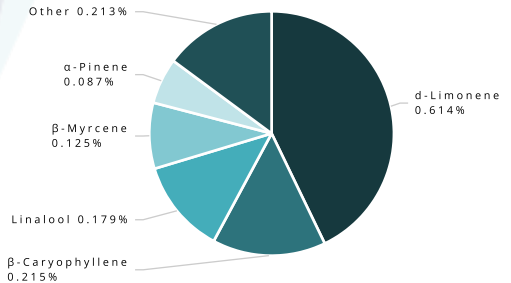


TM-5: TERPENES BY GC-MS // AUG 12, 2026

ANALYSTS ID: 158120

ANALYTE	LOQ (%)	AMT (%)	AMT (mg/g)
Total Terpenes		1.433	14.330
d-Limonene	0.0250	0.614	6.140
β-Caryophyllene	0.0250	0.215	2.150
Linalool	0.0250	0.179	1.790
β-Myrcene	0.0250	0.125	1.250
α-Pinene	0.0250	0.087	0.870
β-Pinene	0.0250	0.082	0.820
α-Humulene	0.0250	0.054	0.540
Guaiol	0.0250	0.051	0.510
trans-Nerolidol	0.0150	0.026	0.260
α-Bisabolol	0.0500	< LOQ	< LOQ
β-Ocimene	0.0180	< LOQ	< LOQ
Caryophyllene Oxide	0.0250	< LOQ	< LOQ
Eucalyptol	0.0250	< LOQ	< LOQ
γ-Terpinene	0.0250	< LOQ	< LOQ
Geraniol	0.0250	< LOQ	< LOQ
p-Cymene	0.0250	< LOQ	< LOQ
Terpinolene	0.0250	< LOQ	< LOQ
3-Carene	0.0250	ND	ND
α-Terpinene	0.0250	ND	ND
Camphene	0.0250	ND	ND
cis-β-Ocimene	0.0070	ND	ND
cis-Nerolidol	0.0100	ND	ND
Isopulegol	0.0250	ND	ND

d-Limonene 42.8% β-Caryophyllene 15.0%
Linalool 12.5% β-Myrcene 8.7%
α-Pinene 6.1% Other 14.9%



DRY-WEIGHT AMOUNTS SHOWN

TM-7: MOISTURE CONTENT BY MOISTURE ANALYZER // AUG 10, 2026

ANALYSTS ID: 140112

ANALYTE	AMT (%)
Moisture	4.348

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TM-4: MYCOTOXINS BY LC-MS/MS // AUG 11, 2026
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-2: HEAVY METALS BY ICP-MS // AUG 10, 2026
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

TM-3: RESIDUAL SOLVENTS BY GC-MS // AUG 11, 2026
ANALYSTS ID: 158120

ANALYTE	LOQ (ppm)	LIMIT (ppm)	AMT (ppm)	PASS/FAIL
2-Propanol	1000.0	5000	< LOQ	Pass
Acetone	1000.0	5000	< LOQ	Pass
Butane	7.8	12	ND	Pass
Ethanol	1000.0	5000	< LOQ	Pass
Heptane	1000.0	5000	ND	Pass
Hexane	50.0	290	ND	Pass
Isobutane	7.8	12	ND	Pass
Pentane	1000.0	5000	ND	Pass
Propane	7.8	12	ND	Pass

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TM-10: TOTAL AEROBIC BACTERIA BY PETRIFILM PLATING // AUG 10, 2026
ANALYSTS ID: 166694

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Aerobic Bacteria	10000	420	Pass

TM-10: ENTEROBACTERIACEAE BY PETRIFILM PLATING // AUG 10, 2026
ANALYSTS ID: 166694

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Bile-Tolerant Gram Negative Bacteria	100	ND	Pass

TM-10: TOTAL COLIFORM BY PETRIFILM PLATING // AUG 10, 2026
ANALYSTS ID: 166694

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Coliforms	100	10	Pass

TM-10: TOTAL YEAST AND MOLD BY 3M / PETRIFILM PLATING // AUG 10, 2026
ANALYSTS ID: 166694

ANALYTE	LIMIT (CFU/g)	AMT (CFU/g)	PASS/FAIL
Yeast & Mold	1000	420	Pass

TM-8: PATHOGENIC BACTERIA BY PCR // AUG 11, 2026
ANALYSTS ID: 166694

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

NOTES

ANDREW DOYON AUG 12, 2026	SPLIT BIO CALCULATION WAS USED TO QUANTIFY MICROBIAL RESULTS: WEIGHTED AVERAGE OF (FLOWER/10) + CONCENTRATE, ACCORDING TO RATIOS PROVIDED BY CLIENT.
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ACCREDITATIONS



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