

HE0189

BioTrack Lot ID: 0392 3278 5537 0284

Sample ID: 2501ANSCT0050-0391 Completed: 01/31/2025
Strain: LEMON SKUNK Expiration: 01/31/2026
Concentrates & Extracts, Sugar,,,

Client
CTPharma
Lic. # MMPR.0000002
280 Dividend Rd
Rocky Hill, CT 06067

Sample Size: 25 units
COC #: 2501ANSCT0050; Number of Servings: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	01/28/2025	Complete
Terpenes	01/28/2025	Complete
Residual Solvents	01/28/2025	Pass
Microbials	01/27/2025	Pass
Mycotoxins	01/28/2025	Pass
Pesticides	01/28/2025	Pass
Heavy Metals	01/28/2025	Pass

Cannabinoids

Complete

76.650%	ND	78.232%
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00003	0.00010	86.240	862.400	
Δ9-THC	0.00003	0.00010	1.010	10.100	
Δ8-THC	0.00005	0.00010	ND	ND	
THCVa	0.00001	0.00010	ND	ND	
THCV	0.00003	0.00010	ND	ND	
CBDa	0.00002	0.00010	ND	ND	
CBD	0.00002	0.00010	ND	ND	
CBDVa	0.00001	0.00010	ND	ND	
CBDV	0.00001	0.00010	ND	ND	
CBNa	0.00007	0.00010	ND	ND	
CBN	0.00002	0.00010	ND	ND	
CBGa	0.00003	0.00010	1.800	18.000	
CBG	0.00004	0.00010	ND	ND	
CBGa	0.00006	0.00010	ND	ND	
CBC	0.00004	0.00010	ND	ND	
CBL	0.00007	0.00010	ND	ND	
CBT	0.00003	0.00010	ND	ND	
Total Available THC			87.258	872.584	
Total Active THC			76.650	766.504	
Total Available CBD			ND	ND	
Total Active CBD			ND	ND	
Total Available Cannabinoids			89.060	890.600	
Total Active Cannabinoids			78.232	782.322	

Entered by: 5; Instrument ID: 2; Date Tested: 01/28/2025;

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = Δ9-THC + THCa. Total Active THC = Δ9-THC + (THCa0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA0.877). Total Active Cannabinoids = THCa0.877+ Δ9 THC+ Δ8 THC+ THCVa0.867+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVa 0.867+ CBNA0.876+ CBN + CBGA0.878+ CBG + CBGA*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.



Ryan Picard

Ryan Picard
Lab Director
01/31/2025

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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
β-Caryophyllene		0.00003	0.0005	1.44	14.429	
α-Humulene		0.00003	0.0005	0.75	7.514	
β-Myrcene		0.00004	0.0005	0.72	7.159	
Linalool		0.00002	0.0005	0.64	6.372	
Limonene		0.00004	0.0005	0.50	4.957	
β-Farnesene		0.00010	0.0005	0.22	2.245	
Nerolidol			0.0005	0.10	0.980	
Fenchol		0.00002	0.0005	0.08	0.778	
2-Piperidone		0.00003	0.0005	ND	ND	
3-Carene		0.00003	0.0005	ND	ND	
α-Bisabolol		0.00007	0.0005	ND	ND	
α-Cedrene		0.00002	0.0004	ND	ND	
α-Phellandrene		0.00003	0.0005	ND	ND	
α-Pinene		0.00004	0.0005	ND	ND	
α-Terpinene		0.00002	0.0005	ND	ND	
α-Terpineol		0.00004	0.0005	ND	ND	
alpha-Thujone		0.00002	0.0005	ND	ND	
β-Cedrene		0.00012	0.0001	ND	ND	
β-Pinene		0.00002	0.0005	ND	ND	
Borneol		0.00002	0.0005	ND	ND	
Camphene		0.00007	0.0005	ND	ND	
Camphor		0.00001	0.0005	ND	ND	
Carvacrol		0.00013	0.0005	ND	ND	
Carvone		0.00003	0.0005	ND	ND	
Caryophyllene Oxide		0.00010	0.0005	ND	ND	
Cedrol		0.00003	0.0005	ND	ND	
cis-Ocimene		0.00004	0.0001	ND	ND	
Citral		0.00002	0.0005	ND	ND	
Total				4.44	44.435	

Primary Aromas

 Cinnamon	 Hops	 Lavender	 Orange	 Magnolia
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Entered by: 007

Instrument ID: GCMS-1

Date Tested: 01/28/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.




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01/31/2025

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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
Eucalyptol		0.00003	0.0005	ND	ND	
Fenchone		0.00002	0.0005	ND	ND	
γ-Terpinene		0.00002	0.0005	ND	ND	
Geraniol		0.00003	0.0005	ND	ND	
Geranyl Acetate		0.00002	0.0005	ND	ND	
Isoborneol		0.00002	0.0005	ND	ND	
Isobornyl Acetate		0.00002	0.0005	ND	ND	
m-Cymene		0.00002	0.0005	ND	ND	
Menthone		0.00003	0.0005	ND	ND	
Nerol		0.00004	0.0005	ND	ND	
Nootkatone		0.00011	0.0005	ND	ND	
o-Cymene		0.00003	0.0005	ND	ND	
(-)-Isopulegol		0.00002	0.0005	ND	ND	
(-)-Guaiol		0.00006	0.0005	ND	ND	
Phytane		0.00002	0.0005	ND	ND	
Piperitone		0.00003	0.0005	ND	ND	
Pulegone		0.00002	0.0005	ND	ND	
p-Cymene		0.00003	0.0005	ND	ND	
Sabinene		0.00003	0.0005	ND	ND	
Sabinene Hydrate		0.00001	0.0005	ND	ND	
Safranal		0.00001	0.0005	ND	ND	
Terpinolene		0.00002	0.0005	ND	ND	
Thymol		0.00005	0.0005	ND	ND	
trans-Ocimene		0.00005	0.0004	ND	ND	
Valencene		0.00002	0.0005	ND	ND	
Squalene				0.00	0.000	
Total				4.44	44.435	

Primary Aromas

 Cinnamon	 Hops	 Lavender	 Orange	 Magnolia
---	---	---	---	---

Entered by: 007

Instrument ID: GCMS-1

Date Tested: 01/28/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.




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Lic. # MPMR.0000002

280 Dividend Rd

Rocky Hill, CT 06067

Sample Size: 25 units

COC #: 2501ANSCT0050; Number of Servings: ; Amended: No; Sample Condition: Intact;

Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPB	PPB			PPB	PPB	PPB	PPB	
Abamectin	0.0270	5.0	100.00	ND	Pass	Fludioxonil	0.0220	5.0	100.00	ND	Pass
Acephate	0.0130	5.0	100.00	ND	Pass	Hexythiazox	0.0150	5.0	100.00	ND	Pass
Acequinocyl	0.0100	5.0	100.00	ND	Pass	Imazalil	0.0120	5.0	100.00	ND	Pass
Acetamiprid	0.0110	5.0	100.00	ND	Pass	Imidacloprid	0.0110	5.0	5000.00	ND	Pass
Aldicarb	0.0130	5.0	100.00	ND	Pass	Kresoxim Methyl	0.0150	5.0	100.00	ND	Pass
Azoxystrobin	0.0210	5.0	100.00	ND	Pass	Malathion	0.0180	5.0	500.00	ND	Pass
Bifenazate	0.0270	5.0	100.00	ND	Pass	Metalaxyl	0.0160	5.0	2000.00	ND	Pass
Bifenthrin	0.0280	5.0	3000.00	ND	Pass	Methiocarb	0.0180	5.0	100.00	ND	Pass
Boscalid	0.0110	5.0	100.00	ND	Pass	Methomyl	0.0110	5.0	1000.00	ND	Pass
Captan	0.0900	5.0	700.00	ND	Pass	Methyl Parathion	0.0080	5.0	100.00	ND	Pass
Carbaryl	0.0110	5.0	500.00	ND	Pass	Mevinphos	0.0080	5.0	100.00	ND	Pass
Carbofuran	0.0130	5.0	100.00	ND	Pass	Myclobutanil	0.0170	5.0	100.00	ND	Pass
Chlorantraniliprole	0.0120	5.0	10000.00	ND	Pass	Naled	0.0110	5.0	100.00	ND	Pass
Chlordane	0.0320	5.0	100.00	ND	Pass	Oxamyl	0.0110	5.0	500.00	ND	Pass
Chlorfenapyr	0.0280	5.0	100.00	ND	Pass	Paclobutrazol	0.0190	5.0	100.00	ND	Pass
Chlorpyrifos	0.0270	5.0	100.00	ND	Pass	Pentachloronitrobenzene	0.0160	5.0	100.00	ND	Pass
Clofentezine	0.0120	5.0	100.00	ND	Pass	Permethrin	0.0230	5.0	500.00	ND	Pass
Coumaphos	0.0090	5.0	100.00	ND	Pass	Phosmet	0.0100	5.0	100.00	ND	Pass
Cyfluthrin	0.0170	5.0	2000.00	ND	Pass	Piperonyl Butoxide	0.0200	5.0	3000.00	ND	Pass
Cypermethrin	0.0230	5.0	1000.00	ND	Pass	Prallethrin	0.0150	5.0	100.00	ND	Pass
Daminozide	0.0100	5.0	100.00	ND	Pass	Propiconazole	0.0100	5.0	100.00	ND	Pass
DDVP	0.0120	5.0	100.00	ND	Pass	Pyrethrins	0.0100	5.0	500.00	ND	Pass
Diazinon	0.0050	5.0	100.00	ND	Pass	Pyridaben	0.0240	5.0	100.00	ND	Pass
Dimethoate	0.0090	5.0	100.00	ND	Pass	Spinetoram	0.0190	5.0	100.00	ND	Pass
Dimethomorph	0.0140	5.0	2000.00	ND	Pass	Spinosad	0.0150	5.0	100.00	ND	Pass
Ethoprophos	0.0160	5.0	100.00	ND	Pass	Spiromesifen	0.0190	5.0	100.00	ND	Pass
Etofenprox	0.0270	5.0	100.00	ND	Pass	Spirotetramat	0.0130	5.0	100.00	ND	Pass
Etoazole	0.0200	5.0	100.00	ND	Pass	Spiroxamine	0.0110	5.0	100.00	ND	Pass
Fenhexamid	0.0250	5.0	100.00	ND	Pass	Tebuconazole	0.0230	5.0	100.00	ND	Pass
Fenoxycarb	0.0160	5.0	100.00	ND	Pass	Thiacloprid	0.0120	5.0	100.00	ND	Pass
Fenpyroximate	0.0290	5.0	100.00	ND	Pass	Thiamethoxam	0.0080	5.0	5000.00	ND	Pass
Fipronil	0.0190	5.0	100.00	ND	Pass	Trifloxystrobin	0.0230	5.0	100.00	ND	Pass
Flonicamid	0.0130	5.0	100.00	ND	Pass						

Entered by: 11

Instrument ID 1: LCMS-1

Instrument ID 2: 0

Date Tested (LC): 01/28/2025

Date Tested (GC):

LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008




Ryan Picard
Lab Director
01/31/2025

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Sample Size: 25 units

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Microbials

Pass

Analyte	Limit	Results	Qualifiers	Status
	CFU/g	CFU/g		
Total Viable Aerobic Bacteria	100000	<100		Pass
Total Yeast & Mold	100000	<100		Pass
E. coli	Not Detected in 1g	Not Detected		Pass
Listeria monocytogenes	Not Detected in 1g	Not Detected		Pass
Salmonella	Not Detected in 1g	Not Detected		Pass
Shiga Toxin E. Coli	Not Detected in 1g	Not Detected		Pass
Aspergillus flavus	Not Detected in 1g	Not Detected		Pass
Aspergillus fumigatus	Not Detected in 1g	Not Detected		Pass
Aspergillus niger	Not Detected in 1g	Not Detected		Pass
Aspergillus terreus	Not Detected in 1g	Not Detected		Pass

Entered by: 010

Instrument ID: PCR-1

Date Tested: 01/27/2025

Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms, and total yeast & mold are analyzed by SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed by SOP-019. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
B1	0.0	1.0	20.0	ND		Pass
B2	0.0	1.0	20.0	ND		Pass
G1	0.0	1.0	20.0	ND		Pass
G2	0.0	1.0	20.0	ND		Pass
Ochratoxin A	0.0	1.0	20.0	ND		Pass

Entered by: 11

Instrument ID: LCMS-1

Date Tested: 01/27/2025

LOD = Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-013.

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.236	0.500	200.000	ND		Pass
Cadmium	0.115	0.500	200.000	ND		Pass
Chromium	0.216	1.000	600.000	ND		Pass
Lead	0.088	1.000	500.000	ND		Pass
Mercury	0.188	0.250	100.000	ND		Pass

Qualifiers: MS-03

Entered by: 72

Instrument ID: ICPMS-1

Date Tested: 01/27/2025

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005




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Residual Solvents

Pass

Analyte	LOQ	Limit	Results	Status	Qualifiers
	PPM	PPM	PPM		
Acetone	100.000	1000.000	ND	Pass	
Ethanol	100.000	1000.000	ND	Pass	
Ethyl-Acetate	100.000	1000.000	ND	Pass	
Ethyl-Ether	100.000	1000.000	ND	Pass	
Ethyl-Formate	100.000	1000.000	ND	Pass	
Heptane	100.000	1000.000	ND	Pass	
Isobutane	100.000	1000.000	ND	Pass	
Isobutyl-Acetate	100.000	1000.000	ND	Pass	
Isopropyl-Acetate	100.000	1000.000	ND	Pass	
n-Butane	100.000	1000.000	ND	Pass	
n-Pentane	100.000	1000.000	ND	Pass	
Propane	100.000	1000.000	ND	Pass	
Tert-Butyl-Methyl-Ether	100.000	1000.000	ND	Pass	

Entered by: 007

Instrument ID: GC-1

Date Tested: 01/28/2025

LOQ = Limit of Quantitation. Residual Solvents analyzed by SOP-011



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 01/31/2025

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