Analytics Labs CT
1 Hartford Square, Suite # 230
NEW BRITAIN, CT 06052
(860) 925-5227
https://myanalyticslabs.com/
Lic# ACTL.0000005

Certificate of Analysis

250320F5-AT-P1

BioTrack Lot ID: 9066 9935 6419 2011

Sample ID: 2503ANSCT0200-1342
Strain: Apple Tartz
Plant, Preroll, , , Hybrid,

Completed: 03/31/2025
Expiration: 03/31/2026

Client
Curaleaf
Lic. # MMPR.0000003
34 Hopmeadow St
Simsbury, CT 06089

Sample Size: 20 units
COC #: 2503ANSCT0200; Number of Servings: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	03/26/2025	Complete
Moisture	03/26/2025	9% - Complete
Water Activity	03/26/2025	0.32 aw - Complete
Terpenes	03/26/2025	Complete
Microbials	03/26/2025	Pass
Mycotoxins	03/26/2025	Pass
Pesticides	03/26/2025	Pass
Heavy Metals	03/27/2025	Pass

Moisture Entered By: 013
Instrument ID: MA-1
Moisture analyzed per SOP-004

Water Activity Entered By: 013
Instrument ID: WA-1
Water Activity analyzed per SOP-020. NT= Not Tested, NR = Not Reported.

Cannabinoids

Complete

26.218%	ND	28.351%
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00003	0.00010	29.900	299.000	
THCVa	0.00001	0.00010	0.240	2.400	
CBGa	0.00003	0.00010	2.190	21.900	
Total Available THC			**29.895**	**298.953**	
Total Active THC			**26.218**	**262.182**	
Total Available CBD			**ND**	**ND**	
Total Active CBD			**ND**	**ND**	
Total Available Cannabinoids			**32.327**	**323.270**	
Total Active Cannabinoids			**28.351**	**283.506**	

Entered by: 5; Instrument ID: 1; Date Tested: 03/26/2025; 1 servings per container.
Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = D9-THC + THCA. Total Active THC = D9-THC + (THCA0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD +(CBDA0.877). Total Active Cannabinoids = THCA0.877+ d9 THC+ d8 THC+ THCVA0.867+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVA 0.867+ CBNA0.876+ CBN + CBGA0.0.878+ CBG + CBCA*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.

Ryan Picard
Lab Director
03/31/2025

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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
β-Myrcene		0.00004	0.0005	0.45	4.466	
Linalool		0.00002	0.0005	0.28	2.797	
Limonene		0.00004	0.0005	0.25	2.550	
β-Caryophyllene		0.00003	0.0005	0.20	1.964	
β-Farnesene		0.00010	0.0005	0.08	0.847	
α-Humulene		0.00003	0.0005	0.08	0.844	
(-)-Guaiol		0.00006	0.0005	0.05	0.542	
β-Pinene		0.00002	0.0005	0.05	0.528	
Fenchol		0.00002	0.0005	0.04	0.401	
Nerolidol			0.0005	0.04	0.396	
α-Terpineol		0.00004	0.0005	0.04	0.385	
α-Pinene		0.00004	0.0005	0.03	0.281	
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-Terpinene		0.00002	0.0005	ND	ND	
alpha-Thujone		0.00002	0.0005	ND	ND	
β-Cedrene		0.00012	0.0001	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	
Total				**1.60**	**16.001**	

Primary Aromas

Hops | Lavender | Orange | Cinnamon | Magnolia

Entered by: 007
Instrument ID: GCMS-1
Date Tested: 03/26/2025
LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.

Ryan Picard
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03/31/2025

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COC #: 2503ANSCT0200; Number of Servings: ; Amended: No; Sample Condition: Intact;

Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
Citral		0.00002	0.0005	ND	ND	
Eucalyptol		0.00003	0.0005	ND	ND	
Fenchone		0.00002	0.0005	ND	ND	
y-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	
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	
Total				**1.60**	**16.001**	

Primary Aromas



Entered by: 007
Instrument ID: GCMS-1
Date Tested: 03/26/2025
LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.

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COC #: 2503ANSCT0200; Number of Servings: ; Amended: No; Sample Condition: Intact;

Pesticides

Pass

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

Entered by: 11
Instrument ID 1: LCMS-1
Instrument ID 2: 0
Date Tested (LC): 03/26/2025
Date Tested (GC):
LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008

Ryan Picard
Lab Director
03/31/2025

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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	19800		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: 03/26/2025
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: 03/26/2025
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: 3
Instrument ID: ICPMS-1
Date Tested: 03/26/2025
LOD = Limit of Detection. LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005

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Lab Director
03/31/2025

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