Analytics Labs CT
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NEW BRITAIN, CT 06052
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Lic# ACTL.0000005

Certificate of Analysis

C-250408-BC

BioTrack Lot ID: 8398 2130 3959 7734

Sample ID: 2505ANSCT0333-2088
Strain: Mixed
Ingestible, Chocolate, , , ,

Completed: 05/19/2025
Expiration: 05/19/2026

Client
Advanced Grow Labs
Lic. # MMBR.0002721
40 Frontage Rd
West Haven, CT 06516

Sample Size: 3 units
COC #: 2505ANSCT0333; Number of Servings: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	05/06/2025	Complete
Water Activity	05/06/2025	0.56 aw - Complete
Residual Solvents	05/06/2025	Pass
Microbials	05/06/2025	Pass
Mycotoxins	05/19/2025	Pass
Pesticides	05/19/2025	Pass
Heavy Metals	05/07/2025	Pass

Water Activity Entered By: 012
Instrument ID: WA-1
Water Activity analyzed per SOP-020. NT= Not Tested, NR = Not Reported.

Cannabinoids

Complete

4.802 mg/serving	4.761 mg/serving	9.774 mg/serving
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	mg/serving	mg/serving	mg/serving	%	
Δ9-THC	0.00066	0.00219	4.80	0.219	
CBD	0.00033	0.00219	4.76	0.217	
CBG	0.00090	0.00219	0.21	0.010	
Total Available THC			**4.80**	**0.219**	
Total Active THC			**4.80**	**0.219**	
Total Available CBD			**4.76**	**0.217**	
Total Active CBD			**4.76**	**0.217**	
Total Available Cannabinoids			**9.77**	**0.446**	
Total Active Cannabinoids			**9.77**	**0.446**	

Entered by: 5; Instrument ID: 1; Date Tested: 05/06/2025; 1 servings per container. Serving Weight: 2.19 grams.
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
05/19/2025

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Pesticides

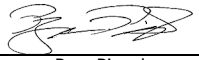
Pass

Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPB	PPB	
Abamectin	0.0270	5.0	300.00	ND	Pass
Acephate	0.0130	5.0	5000.00	ND	Pass
Acequinocyl	0.0100	5.0	4000.00	ND	Pass
Acetamiprid	0.0110	5.0	5000.00	ND	Pass
Aldicarb	0.0130	5.0	100.00	ND	Pass
Azoxystrobin	0.0210	5.0	40000.00	ND	Pass
Bifenazate	0.0270	5.0	5000.00	ND	Pass
Bifenthrin	0.0280	5.0	500.00	ND	Pass
Boscalid	0.0110	5.0	10000.00	ND	Pass
Captan	0.0900	5.0	5000.00	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	40000.00	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	500.00	ND	Pass
Coumaphos	0.0090	5.0	100.00	ND	Pass
Cyfluthrin	0.0170	5.0	1000.00	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	200.00	ND	Pass
Dimethoate	0.0090	5.0	100.00	ND	Pass
Dimethomorph	0.0140	5.0	20000.00	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	1500.00	ND	Pass
Fenhexamid	0.0250	5.0	10000.00	ND	Pass
Fenoxycarb	0.0160	5.0	100.00	ND	Pass
Fenpyroximate	0.0290	5.0	2000.00	ND	Pass
Fipronil	0.0190	5.0	100.00	ND	Pass
Flonicamid	0.0130	5.0	2000.00	ND	Pass

Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPB	PPB	
Fludioxonil	0.0220	5.0	30000.00	ND	Pass
Hexythiazox	0.0150	5.0	2000.00	ND	Pass
Imazalil	0.0120	5.0	100.00	ND	Pass
Imidacloprid	0.0110	5.0	3000.00	ND	Pass
Kresoxim Methyl	0.0150	5.0	1000.00	ND	Pass
Malathion	0.0180	5.0	5000.00	ND	Pass
Metalaxyl	0.0160	5.0	15000.00	ND	Pass
Methiocarb	0.0180	5.0	100.00	ND	Pass
Methomyl	0.0110	5.0	100.00	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	9000.00	ND	Pass
Naled	0.0110	5.0	500.00	ND	Pass
Oxamyl	0.0110	5.0	200.00	ND	Pass
Paclobutrazol	0.0190	5.0	100.00	ND	Pass
Pentachloronitrobenzene	0.0160	5.0	200.00	ND	Pass
Permethrin	0.0230	5.0	20000.00	ND	Pass
Phosmet	0.0100	5.0	200.00	ND	Pass
Piperonyl Butoxide	0.0200	5.0	8000.00	ND	Pass
Prallethrin	0.0150	5.0	4000.00	ND	Pass
Propiconazole	0.0100	5.0	20000.00	ND	Pass
Pyrethrins	0.0100	5.0	1000.00	ND	Pass
Pyridaben	0.0240	5.0	3000.00	ND	Pass
Spinetoram	0.0190	5.0	3000.00	ND	Pass
Spinosad	0.0150	5.0	3000.00	ND	Pass
Spiromesifen	0.0190	5.0	12000.00	ND	Pass
Spirotetramat	0.0130	5.0	13000.00	ND	Pass
Spiroxamine	0.0110	5.0	100.00	ND	Pass
Tebuconazole	0.0230	5.0	2000.00	ND	Pass
Thiacloprid	0.0120	5.0	100.00	ND	Pass
Thiamethoxam	0.0080	5.0	4500.00	ND	Pass
Trifloxystrobin	0.0230	5.0	30000.00	ND	Pass

Entered by: 72
Instrument ID 1: LCMS-1
Instrument ID 2: 0
Date Tested (LC): 05/19/2025
Date Tested (GC):
LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008





Ryan Picard
Lab Director
05/19/2025

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40 Frontage Rd
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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

Entered by: 010
Instrument ID: PCR-1
Date Tested: 05/06/2025
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: 72
Instrument ID: LCMS-1
Date Tested: 05/06/2025
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	500.000	ND		Pass
Cadmium	0.115	0.500	1500.000	ND		Pass
Chromium	0.216	1.000	2000.000	620.446		Pass
Lead	0.088	1.000	3000.000	ND		Pass
Mercury	0.188	0.250	500.000	ND		Pass

Entered by: 3
Instrument ID: ICPMS-1
Date Tested: 05/06/2025
LOD = Limit of Detection. LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005

Ryan Picard
Lab Director
05/19/2025

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Sample Size: 3 units
COC #: 2505ANSCT0333; Number of Servings: ; Amended: No; Sample Condition: Intact;

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: 05/06/2025
LOQ = Limit of Quantitation. Residual Solvents analyzed by SOP-011

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Lab Director
05/19/2025

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