

Cannabinoids Potency/Homogeneity and Contaminant Analysis Report

Sample Name: Toast 0500 08112020-CPL
Sample Type: Ingestible, Tincture, Coconut Oil

Sample ID: 2008AU0249.10902

Batch ID:

METRC Tag: 1A4000B00012FE9000000679

Butterfly LLc

1701 California St LL1015

Denver, CO 80202 (970) 708-8847 Lic. #405R-00016.3

Cannabinoid Content

Analyte	LOQ	Amount	Amount	
'	mg/unit	mg/unit	%	
THCa	4.80	ND	ND	
Δ9-THC	4.80	27.96	0.098	
Δ8-ΤΗС	2.25	ND	ND	
CBDa	4.80	ND	ND	
CBD	4.80	562.31	1.980	
CBDVa	2.25	ND	ND	
CBDV	2.25	5.62	0.020	
CBN	2.25	ND	ND	
CBGa	2.25	ND	ND	
CBG	2.25	19.35	0.068	I and the second
CBCa	2.25	ND	ND	
CBC	2.25	35.21	0.124	
CBL	2.25	ND	ND	

Sample Photo



Units per Package: 1 Unit Type: 1 oz

CBD Homogeneity

Number of Samples Tested	1
CBD Homogeneity	Not Tested

Notes & Interpretations

Analyzed via AAM-001 using Agilent 1220 HPLC-DAD. Sample was analyzed as received. Deviations from SOP: None

Final Approval

Results Approved By: Lucas Mason, M.S. Lab Director Results Analyzed By:
Joshua Reilly

Analyst

THC Content	Pass
CBD Content	Pass
CBD Homogeneity	Not Tested

Test Status

Received: 08/24/2020

Tested: 08/25/2020

Reported: 08/28/2020

Definitions: LOQ= Limit of Quantitation, ND = Not Detected

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Contaminant Analysis Report

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Pesticide Analysis Results

Analyte	LOQ	Limit	Amount	Status
	PPB	PPB	PPB	
Abamectin	40.0	70.0	ND	Pass
Azoxystrobin	10.0	20.0	ND	Pass
Bifenazate	20.0	20.0	ND	Pass
Etoxazole	10.0	10.0	ND	Pass
Imazalil	40.0	40.0	ND	Pass
Imidacloprid	10.0	20.0	ND	Pass
Malathion	40.0	50.0	ND	Pass
Myclobutanil	20.0	40.0	ND	Pass
Permethrin	10.0	40.0	ND	Pass
Spinosad	40.0	60.0	ND	Pass
Spiromesifen	30.0	30.0	ND	Pass
Spirotetramat	10.0	30.0	ND	Pass
Tebuconazole	10.0	20.0	ND	Pass



Notes and Interpretations

Analyzed via AAM-008 using Agilent 1260 HPLC and Agilent 6430 MS. Sample was analyzed as received. Deviations from SOP: None

Final Approval

Test Status

Results Approved By: Lucas Mason, M.S. Lab Director Results Analyzed By: Trey Murschell, PhD Senior Chemist Pesticide Analysis Results

Pass

Received: 08/24/2020

Tested: 08/25/2020

Reported: 08/28/2020

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, PPM = Parts per Million

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Contaminant Analysis Report

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Butterfly LLc

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Microbial Test Results

Analyte	Limit	Amount	Status
	CFU/g	CFU/g	
STEC	1	<1	Pass
Salmonella	1	<1	Pass
Yeast & Mold	10000	<100	Pass

Bacterial Test Results	Pass
Yeast & Mold Test Results	Pass
% Yeast	NR
% Mold	NR



Notes and Interpretations

Analyzed via AAM-003 & AAM-007. Sample was analyzed as received. Deviations from SOP: None

Final Approval

Test Status

Results Approved By: Lucas Mason, M.S. Lab Director Results Analyzed By:

Hective To Coldina

Hector Caldera
Associate Microbiologist

Microbial Test Results

Pass

Received: 08/24/2020

Tested: 08/25/2020

Reported: 08/28/2020

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Residual Solvent Analysis Results

Analyte	LOQ	Limit	Amount 9	Status	Analyte	LOQ	Limit	Amount	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Acetone	158.4	1000.0	<loq< th=""><th>Pass</th><th>Isopropanol</th><th>158.8</th><th>1000.0</th><th>ND</th><th>Pass</th></loq<>	Pass	Isopropanol	158.8	1000.0	ND	Pass
Benzene	1.0	2.0	ND	Pass	Methanol	254.5	600.0	ND	Pass
Butanes	20.2	1000.0	ND	Pass	n-Pentane	19.0	1000.0	ND	Pass
Ethanol	159.4	1000.0	<loq< th=""><th>Pass</th><th>Propane</th><th>20.2</th><th>1000.0</th><th>ND</th><th>Pass</th></loq<>	Pass	Propane	20.2	1000.0	ND	Pass
Ethyl-Acetate	101.0	1000.0	<loq< th=""><th>Pass</th><th>Toluene</th><th>8.7</th><th>180.0</th><th>ND</th><th>Pass</th></loq<>	Pass	Toluene	8.7	180.0	ND	Pass
Heptanes	20.7	1000.0	ND	Pass	Xylenes	13.0	430.0	ND	Pass
Hexanes	9.9	60.0	ND	Pass					



Notes and Interpretations

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Sample was analyzed as received. Deviations from SOP: None.

Final Approval

Test Status

Results Approved By: Lucas Mason, M.S. Lab Director Results Analyzed By: Trey Murschell, PhD Senior Chemist Residual Solvent Analysis Results

Pass

Received: 08/24/2020

Tested: 08/25/2020

Reported: 08/28/2020

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Sample: 2008AU0249.10902



Heavy Metals Analysis Report

Sample Name: Toast 0500 08112020-CPL

Sample Type: Ingestible, Tincture, Coconut Oil

Sample ID: 2008AU0249.10902

Batch ID:

METRC Tag: 1A4000B00012FE9000000679

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Denver, CO 80202 (970) 708-8847 Lic. #405R-00016.3

Heavy Metals Profile						
Analyte	LOQ	Limit	Amount	Status		
	PPM	PPM	PPM			
Arsenic	0.030	0.200	ND	Pass		
Cadmium	0.030	0.200	ND	Pass		
Lead	0.030	0.500	ND	Pass		
Mercury	0.030	0.100	ND	Pass		

Notes and Interpretations

Analyzed via AAM-010 using Agilent 7800 ICP-MS. Deviations from SOP: None. Limits based on State of Colorado requirements for inhaled or audited products: (Arsenic < 0.2 ppm, Cadmium < 0.2 ppm, Lead < 0.5 ppm, Mercury < 0.1 ppm)

Final Approval

Results Approved By: Lucas Mason, M.S. Lab Director

Trey Murschell, PhD Senior Chemist

Results Analyzed By:

Tested: 08/25/2020

Reported: 08/28/2020

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Sample: 2008AU0249.10902

