



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794

Report Number: 22-013080/D052.R001
Report Date: 11/04/2022
ORELAP#: OR100028
Purchase Order: 1004
Received: 10/26/22 10:34

This is an amended version of report# 22-013080/D052.R000.

Reason: Sample re-extracted for potency.

Customer: Cookies
Product identity: BernieHana Butter_BHB-101522-801
Client/Metric ID: .
Laboratory ID: 22-013080-0001

Summary

Potency:

Analyte	Result (%)	<ul style="list-style-type: none"> ● 8-THC ● 8-THCV 	CBD-Total	<LOQ	
Δ8-THC	74.4			THC-Total	<LOQ
Δ8-THCV	0.321			(Reported in percent of total sample)	
CBT	0.123				

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: Cookies
 United States of America (USA)
Product identity: BernieHana Butter_BHB-101522-801
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-013080-0001
Evidence of Cooling: No
Temp: 24.8
Relinquished by: ups

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^p			Units %	Batch: 2209499	Analyze: 11/3/22 10:45:00 PM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0718		<ul style="list-style-type: none"> ● 8-THC ● 8-THCV ● CBT 	
CBC-A	< LOQ		0.0718			
CBC-Total	< LOQ		0.135			
CBD	< LOQ		0.0718			
CBD-A	< LOQ		0.0718			
CBD-Total	< LOQ		0.135			
CBDV	< LOQ		0.0718			
CBDV-A	< LOQ		0.0718			
CBDV-Total	< LOQ		0.134			
CBE	< LOQ		0.0718			
CBG	< LOQ		0.0718			
CBG-A	< LOQ		0.0718			
CBG-Total	< LOQ		0.134			
CBL	< LOQ		0.0718			
CBL-A	< LOQ		0.0718			
CBL-Total	< LOQ		0.135			
CBN	< LOQ		0.0718			
CBT	0.123		0.0718			
Δ10-THC	< LOQ		0.0718			
Δ8-THC	74.4		0.718			
Δ8-THCV	0.321		0.0718			
Δ9-THC	< LOQ		0.0718			
exo-THC	< LOQ		0.0718			
THC-A	< LOQ		0.0718			
THC-Total	< LOQ		0.135			
THCV	< LOQ		0.0718			
THCV-A	< LOQ		0.0718			
THCV-Total	< LOQ		0.134			
Total Cannabinoids	74.8					



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2209207	10/30/22 AOAC 2014.05 (RAPID) [®]		I
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2209207	10/30/22 AOAC 2014.05 (RAPID) [®]		I

Solvents Method: Residual Solvents by GC/MS^b Units µg/g Batch 2209296 Analyze 10/31/22 11:43 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,2-Dichloroethane	< LOQ	1.00	1.00	pass		2-Propanol (IPA)	< LOQ	5000	200	pass	
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	1.00	1.00	pass		Chloroform	< LOQ	1.00	1.00	pass	
Ethyl acetate	< LOQ	5000	200	pass		Ethyl ether	< LOQ	5000	200	pass	
Ethylene oxide	< LOQ	1.00	1.00	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	1.00	1.00	pass	
n-Butane	< LOQ	5000	200	pass		n-Heptane	< LOQ	5000	200	pass	
n-Hexane	< LOQ	290	30.0	pass		n-Pentane	< LOQ	5000	200	pass	
o-Xylene	< LOQ		200			Propane	< LOQ	5000	200	pass	
Toluene	< LOQ	890	100	pass		Total Xylenes	< LOQ	2170	400	pass	
Trichloroethylene	< LOQ	1.00	1.00	pass							



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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2209224		Analyze 10/27/22 02:04 PM	
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.100	0.100	pass		Acephate	< LOQ	0.100	0.100	pass	
Acequinocyl	< LOQ	0.100	0.100	pass		Acetamiprid	< LOQ	0.100	0.100	pass	
Aldicarb	< LOQ	0.100	0.100	pass		Azoxystrobin	< LOQ	0.100	0.100	pass	
Bifentazate	< LOQ	0.100	0.100	pass		Bifenthrin	< LOQ	3.00	3.00	pass	
Boscalid	< LOQ	0.100	0.100	pass		Captan	< LOQ	0.700	0.700	pass	
Carbaryl	< LOQ	0.500	0.500	pass		Carbofuran	< LOQ	0.100	0.100	pass	
Chlorantraniliprole	< LOQ	10.0	3.00	pass		Chlordane	< LOQ	0.1	0.100	pass	
Chlorfenapyr	< LOQ	0.100	0.100	pass		Chlorpyrifos	< LOQ	0.100	0.100	pass	
Clofentezine	< LOQ	0.100	0.100	pass		Coumaphos	< LOQ	0.100	0.100	pass	
Cyfluthrin	< LOQ	2.00	2.00	pass		Cypermethrin	< LOQ	1.00	1.00	pass	
Daminozide	< LOQ	0.100	0.100	pass		Diazinon	< LOQ	0.100	0.100	pass	
Dichlorvos	< LOQ	0.100	0.100	pass		Dimethoate	< LOQ	0.100	0.100	pass	
Dimethomorph	< LOQ	2.00	2.00	pass		Ethoprophos	< LOQ	0.100	0.100	pass	
Etofenprox	< LOQ	0.100	0.100	pass		Etoazole	< LOQ	0.100	0.100	pass	
Fenhexamid	< LOQ	0.100	0.100	pass		Fenoxycarb	< LOQ	0.100	0.100	pass	
Fenpyroximate	< LOQ	0.100	0.100	pass		Fipronil	< LOQ	0.100	0.100	pass	
Flonicamid	< LOQ	0.100	0.100	pass		Fludioxonil	< LOQ	0.100	0.100	pass	
Hexythiazox	< LOQ	0.100	0.100	pass		Imazalil	< LOQ	0.100	0.100	pass	
Imidacloprid	< LOQ	5.00	3.00	pass		Kresoxim-methyl	< LOQ	0.100	0.100	pass	
Malathion	< LOQ	0.500	0.500	pass		Metalaxyl	< LOQ	2.00	2.00	pass	
Methiocarb	< LOQ	0.100	0.100	pass		Methomyl	< LOQ	1.00	1.00	pass	
Mevinphos	< LOQ	0.100	0.100	pass		Myclobutanil	< LOQ	0.100	0.100	pass	
Naled	< LOQ	0.100	0.100	pass		Oxamyl	< LOQ	0.500	0.500	pass	
Paclbutrazole	< LOQ	0.100	0.100	pass		Parathion-Methyl	< LOQ	0.100	0.100	pass	
Permethrin	< LOQ	0.500	0.500	pass		Phosmet	< LOQ	0.100	0.100	pass	
Piperonyl butoxide	< LOQ	3.00	3.00	pass		Prallethrin	< LOQ	0.100	0.100	pass	
Propiconazole	< LOQ	0.100	0.100	pass		Propoxur	< LOQ	0.100	0.100	pass	
Pyrethrins (total)	< LOQ	0.500	0.500	pass		Pyridaben	< LOQ	0.100	0.100	pass	
Quintozene	< LOQ	0.100	0.100	pass		Spinetoram	< LOQ	0.100	0.100	pass	
Spinosad	< LOQ	0.100	0.100	pass		Spiromesifen	< LOQ	0.100	0.100	pass	
Spirotetramat	< LOQ	0.100	0.100	pass		Spiroxamine	< LOQ	0.100	0.100	pass	
Tebuconazole	< LOQ	0.100	0.100	pass		Thiacloprid	< LOQ	0.100	0.100	pass	
Thiamethoxam	< LOQ	5.00	3.00	pass		Trifloxystrobin	< LOQ	0.100	0.100	pass	

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method		Status	Notes	
Arsenic	< LOQ	0.20	mg/kg	0.0759	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass		
Cadmium	< LOQ	0.20	mg/kg	0.0759	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass		
Lead	< LOQ	0.50	mg/kg	0.0759	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass		
Mercury	< LOQ	0.10	mg/kg	0.0379	2209388	11/01/22	AOAC 2013.06 (mod.) ^p	pass		



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Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aflatoxin B2 [¶]	< LOQ		µg/kg	5.00	2209300	10/31/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Aflatoxin B1 [¶]	< LOQ		µg/kg	5.00	2209300	10/31/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Aflatoxin G1 [¶]	< LOQ		µg/kg	5.00	2209300	10/31/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Aflatoxin G2 [¶]	< LOQ		µg/kg	5.00	2209300	10/31/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Ochratoxin A [¶]	< LOQ		µg/kg	5.00	2209300	10/31/22 AOAC 2007.01 & EN 15662 (mod) [¶]		
Total Aflatoxins [¶]	0.000		µg/kg	20.0		11/01/22 AOAC 2007.01 & EN 15662 (mod) [¶]		

Nutrition

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Water Activity	0.308		Aw	0.030	2209279	10/28/22 AOAC 978.18 [¶]		



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

^p = ISO/IEC 17025:2017 accredited method.

[¥] = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

µg/kg = Micrograms per kilogram = parts per billion (ppb)

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

Aw = Water Activity

% wt = µg/g divided by 10,000

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

Approved Signatory

Derrick Tanner
General Manager