



HPTN BH43(A)		NR: Not Reported NA: Not Available LOQ: Limit Of Quantitation LOD: Limit Of Detection 1 g = 10 ³ kg = 10 ³ mg = 10 ⁶ µg 1 mg/kg = 1 ppm = 1000 ppb
HIGH POTENCY TINCTURE	Serving Size: 1 ml	
Pixis Labs	Oregon Accreditation: OR100028	

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	50.5 mg/serving	54.2 mg/g	N/A
Total THC (d9-THC + d8-THC)	2.13 mg/serving	2.29 mg/g	3 mg/g
Cannabigerol (CBG)	2.04 mg/serving	2.19 mg/g	N/A
Cannabinol (CBN)	0.079 mg/serving	0.085 mg/g	N/A
Cannabichromene (CBC)	2.76 mg/serving	2.96 mg/g	N/A

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ	<LOQ	10 µg/day ^[1]
Cadmium	<LOQ	<LOQ	4.1 µg/day ^[1]
Lead	<LOQ	<LOQ	3.5 µg/day ^[2]
Mercury	<LOQ	<LOQ	2 µg/day ^[1]

PESTICIDES	REGULATORY ACTION LEVEL
None of the 59 pesticides tested found above limit of detection in the sample.	10 ppb ^[1]

TERPENES	% OF SAMPLE
Farnesene	0.0712%
a-Bisabolol	0.0484%
Humulene	0.0229 %
β-Caryophyllene	0.0634%
Caryophyllene Oxide	0.0237%

TERPENES	% OF SAMPLE
Guaiol	0.0218 %

- American Herbal Pharmacopoeia. (2014). *Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control*. Washington DC: AHP.
- US Food and Drug Administration. (2019). *Lead in Food, Foodwares, and Dietary Supplements*. Washington DC: FDA. US Food and Drug Administration. (2019). *Lead in Food, Foodwares, and Dietary Supplements*. Washington DC: FDA.



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Product identity: BH43(A) HPTN Bottom **Client/Metric ID:** .
Laboratory ID: 19-010266-0003 **Sample Date:** 08/26/19

Summary

Potency:

Analyte per 1ml	Result	Limits	Units	LOQ	
CBC per 1ml [†]	2.76		mg/1ml	0.03	CBD-Total per 1ml 50.5 mg/1ml
CBD per 1ml	50.2		mg/1ml	0.03	THC-Total per 1ml 2.13 mg/1ml
CBD-A per 1ml	0.334		mg/1ml	0.03	(Reported in milligrams per serving)
CBDV per 1ml [†]	0.300		mg/1ml	0.03	
CBG per 1ml [†]	2.04		mg/1ml	0.03	
CBN per 1ml	0.0794		mg/1ml	0.03	
Δ9-THC per 1ml	2.10		mg/1ml	0.03	



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Customer: Etz Hayim Holdings

Product identity: BH43(A) HPTN Bottom

Client/Metric ID: .

Sample Date: 08/26/19

Laboratory ID: 19-010266-0003

Relinquished by: Received By Mail

Temp: 24.6 °C

Serving Size #1: 0.931 g

Sample Results

Potency per 1ml		Batch: 1907897					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1ml [†]	2.76		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBC-A per 1ml [†]	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBC-Total per 1ml [†]	2.76		mg/1ml	0.0583	09/03/19	J AOAC 2015 V98-6	
CBD per 1ml	50.2		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBD-A per 1ml	0.334		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBD-Total per 1ml	50.5		mg/1ml	0.0583	09/03/19	J AOAC 2015 V98-6	
CBDV per 1ml [†]	0.300		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBDV-A per 1ml [†]	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBDV-Total per 1ml [†]	0.300		mg/1ml	0.0579	09/03/19	J AOAC 2015 V98-6	
CBG per 1ml [†]	2.04		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBG-A per 1ml [†]	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBG-Total per 1ml [†]	2.04		mg/1ml	0.0583	09/03/19	J AOAC 2015 V98-6	
CBL per 1ml [†]	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
CBN per 1ml	0.0794		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
Δ8-THC per 1ml [†]	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
Δ9-THC per 1ml	2.10		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
THC-A per 1ml	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
THC-Total per 1ml	2.13		mg/1ml	0.0583	09/03/19	J AOAC 2015 V98-6	
THCV per 1ml [†]	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
THCV-A per 1ml [†]	< LOQ		mg/1ml	0.0310	09/03/19	J AOAC 2015 V98-6	
THCV-Total per 1ml [†]	< LOQ		mg/1ml	0.0579	09/03/19	J AOAC 2015 V98-6	



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Product identity: BH43(A) HPTN
Laboratory ID: 19-010266-0005

Client/Metric ID: .
Sample Date: 08/26/19

Summary

Terpenes:

Analyte	Percent by weight	Analyte	Percent by weight
farnesene†	0.0712	β-Caryophyllene†	0.0634
α-Bisabolol†	0.0484	(-)-caryophyllene oxide†	0.0237
Humulene†	0.0229	(-)-Guaiaol†	0.0218
Total Terpenes†	0.251		



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Customer: Etz Hayim Holdings

Product identity: BH43(A) HPTN

Client/Metric ID: .

Sample Date: 08/26/19

Laboratory ID: 19-010266-0005

Relinquished by: Received By Mail

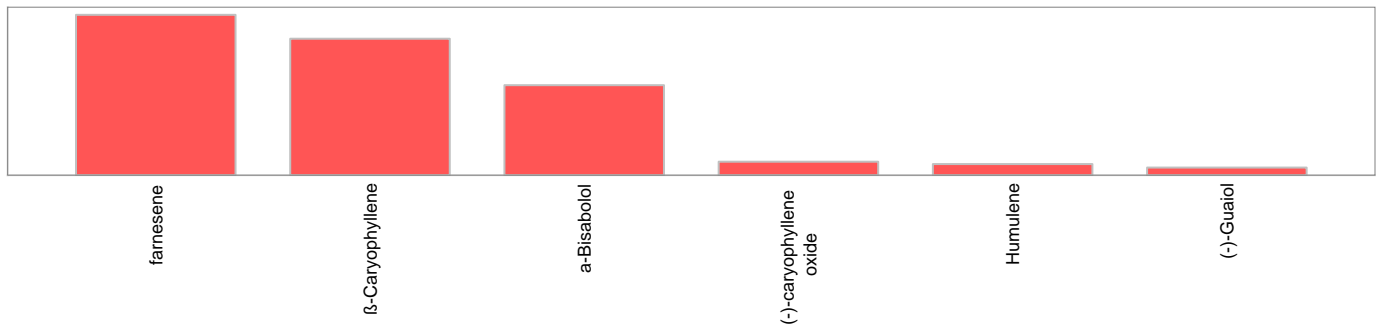
Temp: 24.6 °C

Sample Results



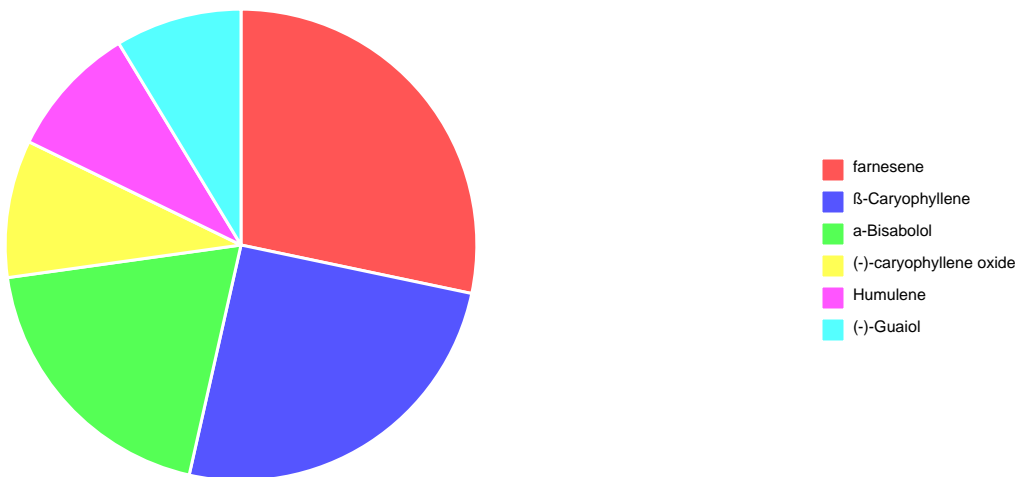
This report cannot be used for ODA, OHA or OLCC compliance requirements.

Terpenes			Method J AOAC 2015 V98-6	Units %	Batch 1908030	Analyze 09/06/19 12:26 PM	
Analyte	Result	LOQ	Notes	Analyte	Result	LOQ	Notes
farnesene [†]	0.0712	0.020		β-Caryophyllene [†]	0.0634	0.020	
α-Bisabolol [†]	0.0484	0.020		(-)-caryophyllene oxide [†]	0.0237	0.020	
Humulene [†]	0.0229	0.020		(-)-Guaiol [†]	0.0218	0.020	
(-)-α-Terpineol [†]	< LOQ	0.020		(-)-Isopulegol [†]	< LOQ	0.020	
(-)-β-Pinene [†]	< LOQ	0.020		(+)-Borneol [†]	< LOQ	0.020	
(+)-Cedrol [†]	< LOQ	0.020		(+)-fenchol [†]	< LOQ	0.020	
(+)-Pulegone [†]	< LOQ	0.020		(±)-Camphor [†]	< LOQ	0.020	
(±)-cis-Nerolidol [†]	< LOQ	0.020		(±)-fenchone [†]	< LOQ	0.020	
(±)-trans-Nerolidol [†]	< LOQ	0.020		(R)-(+)-Limonene [†]	< LOQ	0.020	
α-cedrene [†]	< LOQ	0.020		α-phellandrene [†]	< LOQ	0.020	
α-pinene [†]	< LOQ	0.020		α-Terpinene [†]	< LOQ	0.020	
Camphene [†]	< LOQ	0.020		cis-β-Ocimene [†]	< LOQ	0.006	
d-3-Carene [†]	< LOQ	0.020		Eucalyptol [†]	< LOQ	0.020	
γ-Terpinene [†]	< LOQ	0.020		Geraniol [†]	< LOQ	0.020	
Geranyl acetate [†]	< LOQ	0.020		Isoborneol [†]	< LOQ	0.020	
Linalool [†]	< LOQ	0.020		Menthol [†]	< LOQ	0.020	
nerol [†]	< LOQ	0.020		p-Cymene [†]	< LOQ	0.020	
Sabinene [†]	< LOQ	0.020		Sabinene hydrate [†]	< LOQ	0.020	
β-Myrcene [†]	< LOQ	0.020		Terpinolene [†]	< LOQ	0.020	
trans-β-Ocimene [†]	< LOQ	0.013		valencene [†]	< LOQ	0.020	
Total Terpenes	0.251						





This report cannot be used for ODA, OHA or OLCC compliance requirements.





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



Job Number: 19-010266
Report Number: 19-010266-00
Report Date: 09/11/2019
ORELAP#: OR100028
Purchase Order:
Received: 08/27/19 10:33

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Product identity: BH43(A) HPTN
Laboratory ID: 19-010266-0008

Client/Metric ID: .
Sample Date: 08/26/19

Summary

Metals:

Less than LOQ for all analytes.



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Customer: Etz Hayim Holdings

Product identity: BH43(A) HPTN
Client/Metric ID: .
Sample Date: 08/26/19
Laboratory ID: 19-010266-0008
Relinquished by: Received By Mail
Temp: 24.6 °C

Sample Results

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0462	1908087	09/09/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0462	1908087	09/09/19	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0462	1908087	09/09/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0231	1908087	09/09/19	AOAC 2013.06 (mod.)	X



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



Job Number: 19-010266
Report Number: 19-010266-00
Report Date: 09/11/2019
ORELAP#: OR100028
Purchase Order:
Received: 08/27/19 10:33

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Product identity: BH43(A) HPTN
Laboratory ID: 19-010266-0004

Client/Metric ID: .
Sample Date: 08/26/19

Summary

Pesticides:

All analytes passing and less than LOQ.



This report cannot be used for ODA, OHA or OLCC compliance requirements.

Customer: Etz Hayim Holdings

Product identity: BH43(A) HPTN
Client/Metric ID: .
Sample Date: 08/26/19
Laboratory ID: 19-010266-0004
Relinquished by: Received By Mail
Temp: 24.6 °C

Sample Results

Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1908061 Analyze 09/06/19 07:39 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin (incl.	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclotbutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							