



HPTN BJ32		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)	54.2 mg/serving	58.3 mg/g	N/A
Total THC (d9-THC + d8-THC)	1.97 mg/serving	2.12 mg/g	3 mg/g
Cannabigerol (CBG)	1.4 mg/serving	1.51 mg/g	N/A
Cannabinol (CBN)	0.0903 mg/serving	0.0971 mg/g	N/A
Cannabichromene (CBC)	2.17 mg/serving	2.33 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	0.0931%
β-Caryophyllene	0.0627%
α-Bisabolol	0.0519%

TERPENES	% OF SAMPLE
Guaiol	0.0280%
Humulene	0.0237%

1. American Herbal Pharmacopoeia. (2014). *Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control*. Washington DC: AHP.

2. 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.



Product identity: BJ32 HPTN
Laboratory ID: 19-012532-0003

Client/Metric ID: .
Sample Date: 10/11/19 18:00

Summary

Potency:

Analyte per 1ml	Result	Limits	Units	Status	
					CBD-Total per 1ml 54.2 mg/1ml
CBC per 1ml [†]	2.17		mg/1ml		
CBD per 1ml	54.2		mg/1ml		
CBDV per 1ml [†]	0.240		mg/1ml		THC-Total per 1ml 1.97 mg/1ml
CBG per 1ml [†]	1.40		mg/1ml		
CBN per 1ml	0.0903		mg/1ml		
Δ9-THC per 1ml	1.97		mg/1ml		



Customer: Etz Hayim Holdings

Product identity: BJ32 HPTN
Client/Metric ID: .
Sample Date: 10/11/19 18:00
Laboratory ID: 19-012532-0003
Relinquished by: ETZHH INC
Temp: 21.8 °C
Serving Size #1: 0.93 g

Sample Results

Potency per 1ml		Batch: 1909522					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1ml [†]	2.17		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBC-A per 1ml [†]	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBC-Total per 1ml [†]	2.17		mg/1ml	0.0582	10/22/19	J AOAC 2015 V98-6	
CBD per 1ml	54.2		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBD-A per 1ml	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBD-Total per 1ml	54.2		mg/1ml	0.0582	10/22/19	J AOAC 2015 V98-6	
CBDV per 1ml [†]	0.240		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBDV-A per 1ml [†]	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBDV-Total per 1ml [†]	0.240		mg/1ml	0.0578	10/22/19	J AOAC 2015 V98-6	
CBG per 1ml [†]	1.40		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBG-A per 1ml [†]	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBG-Total per 1ml [†]	1.40		mg/1ml	0.0582	10/22/19	J AOAC 2015 V98-6	
CBL per 1ml [†]	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
CBN per 1ml	0.0903		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
Δ8-THC per 1ml [†]	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
Δ9-THC per 1ml	1.97		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
THC-A per 1ml	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
THC-Total per 1ml	1.97		mg/1ml	0.0582	10/22/19	J AOAC 2015 V98-6	
THCV per 1ml [†]	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
THCV-A per 1ml [†]	< LOQ		mg/1ml	0.0310	10/22/19	J AOAC 2015 V98-6	
THCV-Total per 1ml [†]	< LOQ		mg/1ml	0.0578	10/22/19	J AOAC 2015 V98-6	

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



Customer: Etz Hayim Holdings
Product identity: BJ32 HPTN
Client/Metric ID: .
Laboratory ID: 19-012532-0005

Sample Date: 10/11/19 18:00

Summary

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
farnesene†	0.0931	35.95%	β-Caryophyllene†	0.0627	24.21%
α-Bisabolol†	0.0519	20.04%	(-)-Guaiol†	0.0280	10.81%
Humulene†	0.0237	9.15%	Total Terpenes†	0.259	100.00%



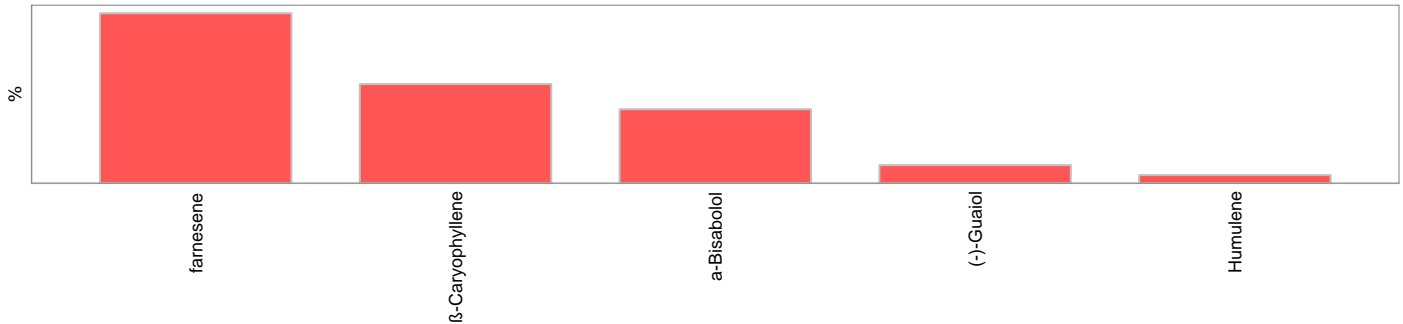
Customer: Etz Hayim Holdings

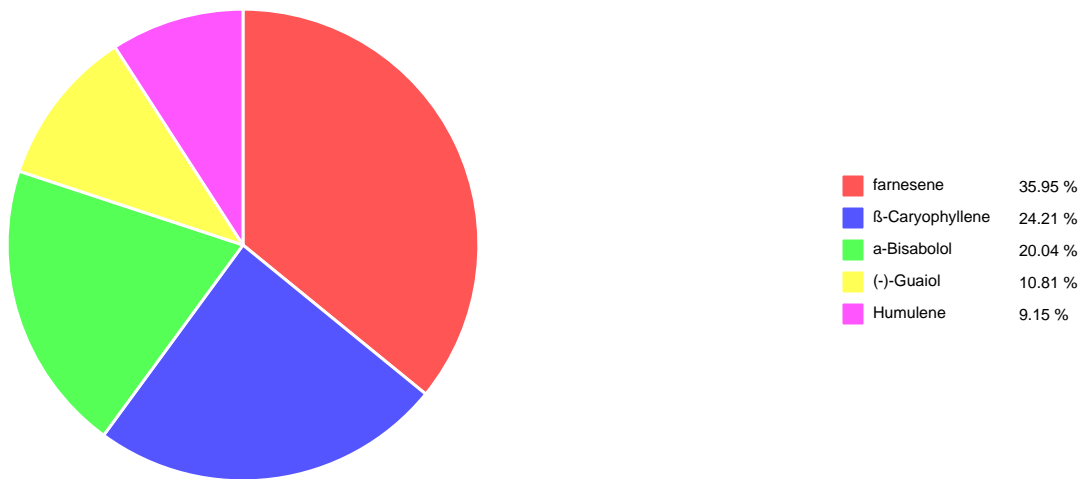
Product identity: BJ32 HPTN
Client/Metric ID: .
Sample Date: 10/11/19 18:00
Laboratory ID: 19-012532-0005
Relinquished by: ETZHH INC
Temp: 21.8 °C

Sample Results



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 1909685	Analyze 10/25/19 08:59 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
farnesene [†]	0.0931	0.020	35.95%		β-Caryophyllene [†]	0.0627	0.020	24.21%	
α-Bisabolol [†]	0.0519	0.020	20.04%		(-)-Guaiol [†]	0.0280	0.020	10.81%	
Humulene [†]	0.0237	0.020	9.15%		(-)-α-Terpineol [†]	< LOQ	0.020	0.00%	
(-)-caryophyllene oxide [†]	< LOQ	0.020	0.00%		(-)-Isopulegol [†]	< LOQ	0.020	0.00%	
(-)-β-Pinene [†]	< LOQ	0.020	0.00%		(+)-Borneol [†]	< LOQ	0.020	0.00%	
(+)-Cedrol [†]	< LOQ	0.020	0.00%		(+)-fenchol [†]	< LOQ	0.020	0.00%	
(+)-Pulegone [†]	< LOQ	0.020	0.00%		(±)-Camphor [†]	< LOQ	0.020	0.00%	
(±)-cis-Nerolidol [†]	< LOQ	0.020	0.00%		(±)-fenchone [†]	< LOQ	0.020	0.00%	
(±)-trans-Nerolidol [†]	< LOQ	0.020	0.00%		(R)-(+)-Limonene [†]	< LOQ	0.020	0.00%	
α-cedrene [†]	< LOQ	0.020	0.00%		α-phellandrene [†]	< LOQ	0.020	0.00%	
α-pinene [†]	< LOQ	0.020	0.00%		α-Terpinene [†]	< LOQ	0.020	0.00%	
Camphene [†]	< LOQ	0.020	0.00%		cis-β-Ocimene [†]	< LOQ	0.006	0.00%	
d-3-Carene [†]	< LOQ	0.020	0.00%		Eucalyptol [†]	< LOQ	0.020	0.00%	
γ-Terpinene [†]	< LOQ	0.020	0.00%		Geraniol [†]	< LOQ	0.020	0.00%	
Geranyl acetate [†]	< LOQ	0.020	0.00%		Isoborneol [†]	< LOQ	0.020	0.00%	
Linalool [†]	< LOQ	0.020	0.00%		Menthol [†]	< LOQ	0.020	0.00%	
nerol [†]	< LOQ	0.020	0.00%		p-Cymene [†]	< LOQ	0.020	0.00%	
Sabinene [†]	< LOQ	0.020	0.00%		Sabinene hydrate [†]	< LOQ	0.020	0.00%	
β-Myrcene [†]	< LOQ	0.020	0.00%		Terpinolene [†]	< LOQ	0.020	0.00%	
trans-β-Ocimene [†]	< LOQ	0.013	0.00%		valencene [†]	< LOQ	0.020	0.00%	
Total Terpenes	0.259								







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



Report Number: 19-012532/D08.R00
Report Date: 10/30/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/14/19 15:50

Customer: Etz Hayim Holdings
Product identity: BJ32 HPTN
Client/Metric ID: .
Laboratory ID: 19-012532-0008

Sample Date: 10/11/19 18:00

Summary

Metals:

Less than LOQ for all analytes.



Customer: Etz Hayim Holdings

Product identity: BJ32 HPTN
Client/Metric ID: .
Sample Date: 10/11/19 18:00
Laboratory ID: 19-012532-0008
Relinquished by: ETZHH INC
Temp: 21.8 °C

Sample Results

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0517	1909827	10/29/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0517	1909827	10/29/19	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0517	1909827	10/29/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0259	1909827	10/29/19	AOAC 2013.06 (mod.)	X



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



Report Number: 19-012532/D04.R00
Report Date: 10/30/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/14/19 15:50

Customer: Etz Hayim Holdings
Product identity: BJ32 HPTN
Client/Metric ID: .
Laboratory ID: 19-012532-0004

Sample Date: 10/11/19 18:00

Summary

Pesticides:

All analytes passing and less than LOQ.



Customer: Etz Hayim Holdings

Product identity: BJ32 HPTN
Client/Metric ID: .
Sample Date: 10/11/19 18:00
Laboratory ID: 19-012532-0004
Relinquished by: ETZHH INC
Temp: 21.8 °C

Sample Results

Pesticides		Method AOAC 2007.01 & EN 15662 (mod)				Units mg/kg	Batch 1909708	Analyze 10/25/19 02:55 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	
Bifenazat	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	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	< 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		Paclobutrazole	< 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	0.200	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							