



SPTN.CM B174		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
CHOCOLATE MINT STANDARD POTENCY TINCTURE	Serving Size: 1 ml	
Pixis Labs	Oregon Accreditation: OR100028	

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	15.9 mg/serving	17.15 mg/g	N/A
Total THC (d9-THC + d8-THC)	0.665 mg/serving	0.717 mg/g	3 mg/g
Cannabigerol (CBG)	0.398 mg/serving	0.429 mg/g	N/A
Cannabinol (CBN)	0.0438 mg/serving	0.0472 mg/g	N/A
Cannabichromene (CBC)	0.787 mg/serving	0.849 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
Limonene	0.0251%

- 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.



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



Job Number: 19-011916
Report Number: 19-011916-00
Report Date: 10/08/2019
ORELAP#: OR100028
Purchase Order:
Received: 09/30/19 16:35

Product identity: BI74 SPTN.CM Top
Laboratory ID: 19-011916-0001

Client/Metric ID: .
Sample Date: 09/28/19 16:00

Summary

Potency:

Analyte per 1ml	Result	Limits	Units	Status		
					CBD-Total per 1ml	15.9 mg/1ml
CBC per 1ml [†]	0.787		mg/1ml			
CBD per 1ml	15.9		mg/1ml			
CBDV per 1ml [†]	0.115		mg/1ml		THC-Total per 1ml	0.665 mg/1ml
CBG per 1ml [†]	0.398		mg/1ml			
CBN per 1ml	0.0438		mg/1ml			
Δ9-THC per 1ml	0.665		mg/1ml			

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Customer: Etz Hayim Holdings

Product identity: BI74 SPTN.CM Top
Client/Metric ID: .
Sample Date: 09/28/19 16:00
Laboratory ID: 19-011916-0001
Relinquished by: ETZHH INC
Temp: 26.9 °C
Serving Size #1: 0.927 g

Sample Results

Potency per 1ml		Batch: 1909019					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1ml†	0.787		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBC-A per 1ml†	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBC-Total per 1ml†	0.809		mg/1ml	0.0580	10/07/19	J AOAC 2015 V98-6	
CBD per 1ml	15.9		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBD-A per 1ml	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBD-Total per 1ml	15.9		mg/1ml	0.0580	10/07/19	J AOAC 2015 V98-6	
CBDV per 1ml†	0.115		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBDV-A per 1ml†	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBDV-Total per 1ml†	0.115		mg/1ml	0.0577	10/07/19	J AOAC 2015 V98-6	
CBG per 1ml†	0.398		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBG-A per 1ml†	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBG-Total per 1ml†	0.398		mg/1ml	0.0580	10/07/19	J AOAC 2015 V98-6	
CBL per 1ml†	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
CBN per 1ml	0.0438		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
Δ8-THC per 1ml†	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
Δ9-THC per 1ml	0.665		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
THC-A per 1ml	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
THC-Total per 1ml	0.665		mg/1ml	0.0580	10/07/19	J AOAC 2015 V98-6	
THCV per 1ml†	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
THCV-A per 1ml†	< LOQ		mg/1ml	0.0309	10/07/19	J AOAC 2015 V98-6	
THCV-Total per 1ml†	< LOQ		mg/1ml	0.0577	10/07/19	J AOAC 2015 V98-6	

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



Job Number: 19-011916
Report Number: 19-011916-00
Report Date: 10/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 09/30/19 16:35

Product identity: BI74 SPTN.CM
Laboratory ID: 19-011916-0007

Client/Metric ID: .
Sample Date: 09/28/19 16:00

Summary

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
(R)-(+)-Limonene [†]	0.0251	100.00%	Total Terpenes [†]	0.0251	100.00%

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Testing in accordance with:



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Portland, OR 97230
503-254-1794



Job Number: 19-011916
Report Number: 19-011916-00
Report Date: 10/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 09/30/19 16:35

Customer: Etz Hayim Holdings

Product identity: BI74 SPTN.CM

Client/Metric ID: .

Sample Date: 09/28/19 16:00

Laboratory ID: 19-011916-0007

Relinquished by: ETZHH INC

Temp: 26.9 °C

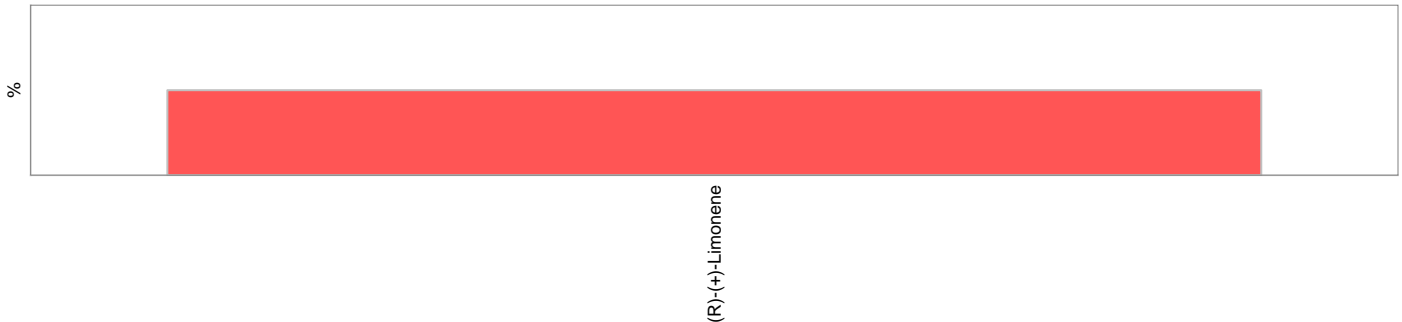
Sample Results

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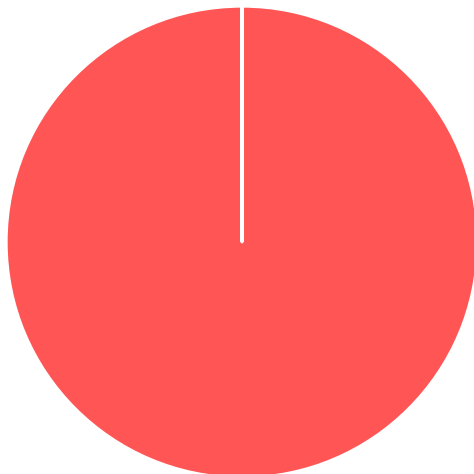
Testing in accordance with:



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 1909209	Analyze 10/11/19 12:37 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
(R)-(+)-Limonene [†]	0.0251	0.020	100.00%		(-)-a-Terpineol [†]	< LOQ	0.020	0.00%	
(-)-caryophyllene oxide [†]	< LOQ	0.020	0.00%		(-)-Guaiol [†]	< 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%	
a-Bisabolol [†]	< LOQ	0.020	0.00%		a-cedrene [†]	< LOQ	0.020	0.00%	
a-phellandrene [†]	< LOQ	0.020	0.00%		a-pinene [†]	< LOQ	0.020	0.00%	
a-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%		farnesene [†]	< LOQ	0.020	0.00%	
gamma-Terpinene [†]	< LOQ	0.020	0.00%		Geraniol [†]	< LOQ	0.020	0.00%	
Geranyl acetate [†]	< LOQ	0.020	0.00%		Humulene [†]	< 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-Caryophyllene [†]	< 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	0.0251								



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■ (R)-(+)-Limonene 100.00 %

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



Job Number: 19-011916
Report Number: 19-011916-00
Report Date: 10/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 09/30/19 16:35

Product identity: BI74 SPTN.CM
Laboratory ID: 19-011916-0008

Client/Metric ID: .
Sample Date: 09/28/19 16:00

Summary

Metals:

Less than LOQ for all analytes.

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Testing in accordance with:



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Portland, OR 97230
503-254-1794



Job Number: 19-011916
Report Number: 19-011916-00
Report Date: 10/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 09/30/19 16:35

Customer: Etz Hayim Holdings

Product identity: BI74 SPTN.CM
Client/Metric ID: .
Sample Date: 09/28/19 16:00
Laboratory ID: 19-011916-0008
Relinquished by: ETZHH INC
Temp: 26.9 °C

Sample Results

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0503	1909351	10/15/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0503	1909351	10/15/19	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0503	1909351	10/15/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0252	1909351	10/15/19	AOAC 2013.06 (mod.)	X

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Portland, OR 97230
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Job Number: 19-011916
Report Number: 19-011916-00
Report Date: 10/16/2019
ORELAP#: OR100028
Purchase Order:
Received: 09/30/19 16:35

Product identity: BI74 SPTN.CM
Laboratory ID: 19-011916-0004

Client/Metric ID: .
Sample Date: 09/28/19 16:00

Summary

Pesticides:

All analytes passing and less than LOQ.

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Customer: Etz Hayim Holdings

Product identity: BI74 SPTN.CM
Client/Metric ID: .
Sample Date: 09/28/19 16:00
Laboratory ID: 19-011916-0004
Relinquished by: ETZHH INC
Temp: 26.9 °C

Sample Results

Pesticides		Method AOAC 2007.01 & EN 15662 (mod)				Units mg/kg	Batch 1909167	Analyze 10/10/19 04:18 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		Etoazole	< 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	0.100	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							

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