



<b>SPTN.CM B174</b>		NR: Not Reported NA: Not Available LOQ: Limit Of Quantitation LOD: Limit Of Detection 1 g = 10 <sup>3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg 1 mg/kg = 1 ppm = 1000 ppb
<b>CHOCOLATE MINT STANDARD POTENCY TINCTURE</b>	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 <sup>[1]</sup>
Cadmium	<LOQ	<LOQ	4.1 µg/day <sup>[1]</sup>
Lead	<LOQ	<LOQ	3.5 µg/day <sup>[2]</sup>
Mercury	<LOQ	<LOQ	2 µg/day <sup>[1]</sup>

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

TERPENES	% OF SAMPLE
Limonene	0.0251%

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:** 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	
CBC per 1ml <sup>†</sup>	0.787		mg/1ml		CBD-Total per 1ml 15.9 mg/1ml
CBD per 1ml	15.9		mg/1ml		
CBDV per 1ml <sup>†</sup>	0.115		mg/1ml		THC-Total per 1ml 0.665 mg/1ml
CBG per 1ml <sup>†</sup>	0.398		mg/1ml		
CBN per 1ml	0.0438		mg/1ml		
Δ9-THC per 1ml	0.665		mg/1ml		



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



**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 <sup>†</sup>	0.0251	100.00%	<b>Total Terpenes<sup>†</sup></b>	<b>0.0251</b>	<b>100.00%</b>



**Customer:** Etz Hayim Holdings

**Product identity:** BI74 SPTN.CM

**Client/Metric ID:** .

**Sample Date:** 09/28/19 16:00

**Laboratory ID:** 19-011916-0007

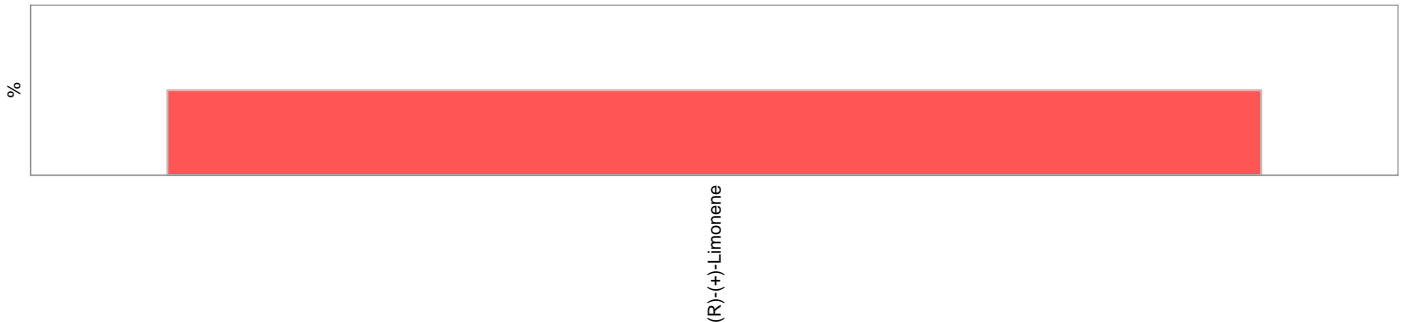
**Relinquished by:** ETZHH INC

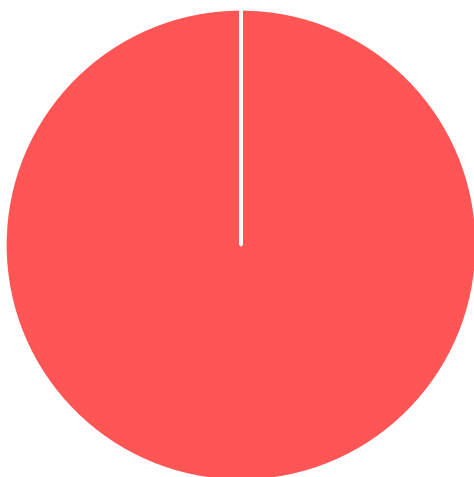
**Temp:** 26.9 °C

## Sample Results



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 <sup>†</sup>	0.0251	0.020	100.00%		(-)-a-Terpineol <sup>†</sup>	< LOQ	0.020	0.00%	
(-)-caryophyllene oxide <sup>†</sup>	< LOQ	0.020	0.00%		(-)-Guaiol <sup>†</sup>	< LOQ	0.020	0.00%	
(-)-Isopulegol <sup>†</sup>	< LOQ	0.020	0.00%		(-)-β-Pinene <sup>†</sup>	< LOQ	0.020	0.00%	
(+)-Borneol <sup>†</sup>	< LOQ	0.020	0.00%		(+)-Cedrol <sup>†</sup>	< LOQ	0.020	0.00%	
(+)-fenchol <sup>†</sup>	< LOQ	0.020	0.00%		(+)-Pulegone <sup>†</sup>	< LOQ	0.020	0.00%	
(±)-Camphor <sup>†</sup>	< LOQ	0.020	0.00%		(±)-cis-Nerolidol <sup>†</sup>	< LOQ	0.020	0.00%	
(±)-fenchone <sup>†</sup>	< LOQ	0.020	0.00%		(±)-trans-Nerolidol <sup>†</sup>	< LOQ	0.020	0.00%	
a-Bisabolol <sup>†</sup>	< LOQ	0.020	0.00%		a-cedrene <sup>†</sup>	< LOQ	0.020	0.00%	
a-phellandrene <sup>†</sup>	< LOQ	0.020	0.00%		a-pinene <sup>†</sup>	< LOQ	0.020	0.00%	
a-Terpinene <sup>†</sup>	< LOQ	0.020	0.00%		Camphene <sup>†</sup>	< LOQ	0.020	0.00%	
cis-β-Ocimene <sup>†</sup>	< LOQ	0.006	0.00%		d-3-Carene <sup>†</sup>	< LOQ	0.020	0.00%	
Eucalyptol <sup>†</sup>	< LOQ	0.020	0.00%		farnesene <sup>†</sup>	< LOQ	0.020	0.00%	
gamma-Terpinene <sup>†</sup>	< LOQ	0.020	0.00%		Geraniol <sup>†</sup>	< LOQ	0.020	0.00%	
Geranyl acetate <sup>†</sup>	< LOQ	0.020	0.00%		Humulene <sup>†</sup>	< LOQ	0.020	0.00%	
Isoborneol <sup>†</sup>	< LOQ	0.020	0.00%		Linalool <sup>†</sup>	< LOQ	0.020	0.00%	
Menthol <sup>†</sup>	< LOQ	0.020	0.00%		nerol <sup>†</sup>	< LOQ	0.020	0.00%	
p-Cymene <sup>†</sup>	< LOQ	0.020	0.00%		Sabinene <sup>†</sup>	< LOQ	0.020	0.00%	
Sabinene hydrate <sup>†</sup>	< LOQ	0.020	0.00%		β-Caryophyllene <sup>†</sup>	< LOQ	0.020	0.00%	
β-Myrcene <sup>†</sup>	< LOQ	0.020	0.00%		Terpinolene <sup>†</sup>	< LOQ	0.020	0.00%	
trans-β-Ocimene <sup>†</sup>	< LOQ	0.013	0.00%		valencene <sup>†</sup>	< LOQ	0.020	0.00%	
<b>Total Terpenes</b>	<b>0.0251</b>								





■ (R)-(+)-Limonene 100.00 %

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



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



**Job Number:** 19-011916  
**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

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**Metals:**

Less than LOQ for all analytes.





**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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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:** 19-011916-0004

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

### Summary

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**Pesticides:**

*All analytes passing and less than LOQ.*



**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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