



## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>PET-JNT</b>	<b>CH89</b>	<b>NR:</b> Not Reported <b>NA:</b> Not Available
<b>CBD DOG TREATS: CALM + MOBILITY</b>	<b>SERVING SIZE: 5.35 G (1 TREAT)</b>	<b>LOQ:</b> Limit Of Quantitation <b>LOD:</b> Limit Of Detection
<b>LABORATORY: COLUMBIA LABORATORIES</b>	<b>OREGON ACCREDITATION: OR100028</b>	1 g = 10 <sup>-3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg 1 mg/kg = 1 ppm = 1000 ppb

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	5.84 mg/serving	1.03 mg/g	N/A
Total THC (d9-THC, d8-THC, THCA)	0.209 mg/serving	0.0368 mg/g	3 mg/g
Cannabigerol (CBG)	<LOQ mg/serving	<LOQ mg/g	N/A
Cannabinol (CBN)	<LOQ mg/serving	<LOQ mg/g	N/A
Cannabichromene (CBC)	0.294 mg/serving	0.0518 mg/g	N/A
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	N/A
Delta-9-THC (d9-THC)	0.209 mg/serving	0.0368 mg/g	N/A
Delta-8-THC (d8-THC)	<LOQ mg/serving	<LOQ mg/g	N/A

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	0.833 µg/serving	0.147 µg/g	3 µg/kg body weight per day <sup>[3]</sup>
Cadmium	0.0794 µg/serving	0.0140 µg/g	4.1 µg/day <sup>[1]</sup>
Lead	0.185 µg/serving	0.0326 µg/g	3.5 µg/day <sup>[2]</sup>
Mercury	<LOQ µg/serving	<LOQ µg/g	2 µg/day <sup>[1]</sup>

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

RESIDUAL SOLVENTS
None of the 36 residual solvents tested found above limit of quantitation in the sample.

MICROBIAL	PASS/FAIL
Yeast & Mold	Pass
Coliform	Pass
Water Activity	Pass

TERPENES	% OF SAMPLE
Farnesene	<LOQ
β-Caryophyllene	<LOQ
α-Bisabolol	<LOQ

TERPENES	% OF SAMPLE
Guaiol	<LOQ
Humulene	<LOQ
Caryophyllene Oxide	<LOQ

Due to lack of regulatory oversight as it pertains to pet treats - we are applying human regulatory standards to these products.

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.  
 3. US Food and Drug Administration. (2019). *Lead in Food, Foodwares, and Dietary Supplements*. Washington DC: FDA.  
 3. World Health Organization. (2010). *Exposure to Arsenic: A Major Public Health Concern*. Geneva, Switzerland: WHO.



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



**Report Number:** 20-009249/D02.R00  
**Report Date:** 09/03/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 08/27/20 16:48

**Customer:** Etz Hayim Holdings  
**Product identity:** PET-JNT CH89  
**Client/Metric ID:** .  
**Laboratory ID:** 20-009249-0001

**Sample Date:** 08/26/20 16:00

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g	0.0518		mg/1g		CBD-Total per 1g 1.03 mg/1g
CBD per 1g	1.03		mg/1g		
Δ9-THC per 1g	0.0368		mg/1g		THC-Total per 1g <LOQ
(Reported in milligrams per serving)					



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**Product identity:** PET-JNT CH89  
**Client/Metric ID:** .  
**Sample Date:** 08/26/20 16:00  
**Laboratory ID:** 20-009249-0001  
**Relinquished by:** Client  
**Temp:** 25.1 °C  
**Serving Size #1:** 1 g

### Sample Results

Potency per 1g		Method J AOAC 2015 V98-6 (mod)		Batch: 2007244	Analyze: 9/2/20 3:24:00 PM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	0.0518		mg/1g	0.0320	
CBC-A per 1g	< LOQ		mg/1g	0.0320	
CBC-Total per 1g	< LOQ		mg/1g	0.0600	
CBD per 1g	1.03		mg/1g	0.0320	
CBD-A per 1g	< LOQ		mg/1g	0.0320	
CBD-Total per 1g	1.03		mg/1g	0.0600	
CBDV per 1g	< LOQ		mg/1g	0.0320	
CBDV-A per 1g	< LOQ		mg/1g	0.0320	
CBDV-Total per 1g	< LOQ		mg/1g	0.0597	
CBG per 1g	< LOQ		mg/1g	0.0320	
CBG-A per 1g	< LOQ		mg/1g	0.0320	
CBG-Total per 1g	< LOQ		mg/1g	0.0597	
CBL per 1g	< LOQ		mg/1g	0.0320	
CBN per 1g	< LOQ		mg/1g	0.0320	
Δ8-THC per 1g	< LOQ		mg/1g	0.0320	
Δ9-THC per 1g	0.0368		mg/1g	0.0320	
THC-A per 1g	< LOQ		mg/1g	0.0320	
THC-Total per 1g	< LOQ		mg/1g	0.0600	
THCV per 1g	< LOQ		mg/1g	0.0320	
THCV-A per 1g	< LOQ		mg/1g	0.0320	
THCV-Total per 1g	< LOQ		mg/1g	0.0600	
<b>Total Cannabinoids 1g<sup>†</sup></b>	<b>1.12</b>		<b>mg/1g</b>		

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**Report Number:** 20-009249/D05.R00  
**Report Date:** 09/04/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 08/27/20 16:48

**Customer:** Etz Hayim Holdings  
**Product identity:** PET-JNT CH89  
**Client/Metric ID:** .  
**Laboratory ID:** 20-009249-0002

**Sample Date:** 08/26/20 16:00

### Summary

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Terpenes:**

Less than LOQ for all analytes.

**Metals:**

Analyte	Result	Limits	Analyte	Result	Limits
Arsenic	0.147		Lead	0.0326	
Cadmium	0.0140				

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**Purchase Order:**  
**Received:** 08/27/20 16:48



**Customer:** Etz Hayim Holdings

**Product identity:** PET-JNT CH89  
**Client/Metric ID:** .  
**Sample Date:** 08/26/20 16:00  
**Laboratory ID:** 20-009249-0002  
**Relinquished by:** Client  
**Temp:** 25.1 °C

### Sample Results

Solvents		Method EPA5021A				Units µg/g	Batch 2007203	Analyze 09/02/20 10:53 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethanol <sup>1</sup>	< LOQ		200		
Ethyl acetate	< LOQ	5000	200	pass		Ethyl benzene	< LOQ		200		
Ethyl ether	< LOQ	5000	200	pass		Ethylene glycol	< LOQ	620	200	pass	
Ethylene oxide	< LOQ	50.0	30.0	pass		Hexanes (sum)	< LOQ	290	150	pass	
Isopropyl acetate	< LOQ	5000	200	pass		Isopropylbenzene	< LOQ	70.0	30.0	pass	
m,p-Xylene	< LOQ		200			Methanol	< LOQ	3000	200	pass	
Methylene chloride	< LOQ	600	200	pass		Methylpropane	< LOQ		200		
n-Butane	< LOQ		200			n-Heptane	< LOQ	5000	200	pass	
n-Hexane	< LOQ		30.0			n-Pentane	< LOQ		200		
o-Xylene	< LOQ		200			Pentanes (sum)	< LOQ	5000	600	pass	
Propane	< LOQ	5000	200	pass		Tetrahydrofuran	< LOQ	720	100	pass	
Toluene	< LOQ	890	100	pass		Total Xylenes	< LOQ		400		
Total Xylenes and Ethyl	< LOQ	2170	600	pass							

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**Purchase Order:**  
**Received:** 08/27/20 16:48



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2007243 Analyze 09/03/20 09:58 AM											
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	0.200	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							

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**Report Number:** 20-009249/D05.R00  
**Report Date:** 09/04/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 08/27/20 16:48



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2007241	Analyze 09/03/20	09:50 AM	
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
(-)-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%		(R)-(+)-Limonene <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>&lt; LOQ</b>								

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	0.147		mg/kg	0.00974	2007229	09/02/20	AOAC 2013.06 (mod.)	X
Cadmium	0.0140		mg/kg	0.00974	2007229	09/02/20	AOAC 2013.06 (mod.)	X
Lead	0.0326		mg/kg	0.00974	2007229	09/02/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.00487	2007229	09/02/20	AOAC 2013.06 (mod.)	X

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**Report Number:** 20-009249/D03.R00  
**Report Date:** 09/04/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 08/27/20 16:48

**Customer:** Etz Hayim Holdings  
**Product identity:** PET-JNT CH89  
**Client/Metric ID:** .  
**Laboratory ID:** 20-009249-0004

**Sample Date:** 08/26/20 16:00

### Summary

-----  
**Microbiology:**

Less than LOQ for all analytes.





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**Report Number:** 20-009249/D03.R00  
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**Purchase Order:**  
**Received:** 08/27/20 16:48



**Customer:** Etz Hayim Holdings

**Product identity:** PET-JNT CH89  
**Client/Metric ID:** .  
**Sample Date:** 08/26/20 16:00  
**Laboratory ID:** 20-009249-0004  
**Relinquished by:** Client  
**Temp:** 25.1 °C

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2007154	09/03/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2007154	09/03/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2007155	09/03/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2007155	09/03/20	AOAC 2014.05 (RAPID)	X

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**Customer:** Etz Hayim Holdings

**Product identity:** PET-JNT CH89

**Client/Metric ID:** .

**Sample Date:** 08/26/20 16:00

**Laboratory ID:** 20-009249-0003

**Relinquished by:** Client

**Temp:** 25.1 °C

### Sample Results

Nutrition								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Water Activity	0.591		Aw	0.030	2007271	09/03/20	AOAC 978.18	X
pH	3.90		N/A		2007179	09/01/20	AOAC 981.12 (mod.)	X