

CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

NR: Not Reported **CH89** PET-JNT NA: Not Available LOQ: Limit Of Quantitation SERVING SIZE: 5.35 G [1 TREAT] CBD DOG TREATS: CALM + MOBILITY LOD: Limit Of Detection $1 g = 10^3 kg = 10^3 mg = 10^6 \mu g$ LABORATORY: COLUMBIA LABORATORIES **OREGON ACCREDITATION: OR100028** 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<="" td=""><td><loq g<="" mg="" td=""><td>N/A</td></loq></td></loq>	<loq g<="" mg="" td=""><td>N/A</td></loq>	N/A
Cannabinol (CBN)	<loq mg="" serving<="" td=""><td><loq g<="" mg="" td=""><td>N/A</td></loq></td></loq>	<loq g<="" mg="" td=""><td>N/A</td></loq>	N/A
Cannabichromene (CBC)	0.294 mg/serving	0.0518 mg/g	N/A
Tetrahydrocannabinolic Acid (THCA)	<loq mg="" serving<="" td=""><td><loq g<="" mg="" td=""><td>N/A</td></loq></td></loq>	<loq g<="" mg="" td=""><td>N/A</td></loq>	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<="" td=""><td><loq g<="" mg="" td=""><td>N/A</td></loq></td></loq>	<loq g<="" mg="" td=""><td>N/A</td></loq>	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
Cadmium	0.0794 µg/serving	0.0140 µg/g	4.1 µg/day [1]
Lead	0.185 µg/serving	0.0326 µg/g	3.5 µg/day ^[2]
Mercury	<loq serving<="" th="" μg=""><th><loq g<="" th="" μg=""><th>2 μg/day ^[1]</th></loq></th></loq>	<loq g<="" th="" μg=""><th>2 μg/day ^[1]</th></loq>	2 μg/day ^[1]

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

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	TERPENES	% OF SAMPLE
Farnesene	<loq< td=""><td>Guaiol</td><td>≺LOQ</td></loq<>	Guaiol	≺LOQ
ß-Caryophyllene	<loq< td=""><td>Humulene</td><td><loq< td=""></loq<></td></loq<>	Humulene	<loq< td=""></loq<>
a-Bisabolol	<loq< td=""><td>Caryophyllene Oxide</td><td><loq< td=""></loq<></td></loq<>	Caryophyllene Oxide	<loq< td=""></loq<>

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

American Herbal Pharmacopocia, (2014). Cunnabis Inflorescence: Standards of Identity, Analysis, and Quality Control. Washington DC: AHP.

US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Detary Supplements. Washington DC: FDA. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA.

World Health Commariation. (2010). Eveneue to Anenie. A Malor Public Health Concern. Geneva, Switzerland, WHA.





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/Metrc ID:

Laboratory ID: 20-009249-0001 Sample Date: 08/26/20 16:00

Summary

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Analyte per 1g	Result	Limits	Units	Status	CBD-Total per 1g	1.03 mg/1g
CBC per 1g CBD per 1g Δ9-THC per 1g	0.0518 1.03 0.0368		mg/1g mg/1g mg/1g		THC-Total per 1g	<loq< td=""></loq<>
					(Reported in milli	grams per serving)





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/Metrc ID:

Sample Date: 08/26/20 16:00 Laboratory ID: 20-009249-0001

Relinquished by: Client 25.1 °C Temp: Serving Size #1: 1 g

Sample Results

Potency per 1g	Method J AOA	AC 2015 V98-6 (mod)	Batch: 2007244	4	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	
$\Delta 8$ -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	
Total Cannabinoids 1g [†]	1.12		mg/1g		

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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/Metrc 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		





Report Number: 20-009249/D05.R00

Report Date: 09/04/2020 ORELAP#: OR100028

Purchase Order:

08/27/20 16:48 Received:

Customer: Etz Hayim Holdings

Product identity: PET-JNT CH89

Client/Metrc ID:

Sample Date: 08/26/20 16:00 Laboratory ID: 20-009249-0002

Relinquished by: Client 25.1 °C Temp:

Sample Results

Solvents	Method	EPA502	1A		Units μg/g Batch 2	2007203	Analyz	e 09/02/20 10:53 AM
Analyte	Result	Limits	LOQ S	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 [†]	< 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				





20-009249/D05.R00 **Report Number:**

Report Date: 09/04/2020 ORELAP#: OR100028

Purchase Order:

Received: 08/27/20 16:48

Pesticides	Method	AOAC	2007.01 & EN	15662 (mod)	Units mg/kg Ba	tch 2007243	Analy	ze 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		Flonicamid	< LOQ	1.0	0.400 pass
Fludioxonil	< LOQ	0.40	0.200 pass		Hexythiazox	< LOQ	1.0	0.400 pass
lmazalil	< 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					





Report Number: 20-009249/D05.R00

Report Date: 09/04/2020 ORELAP#: OR100028

Purchase Order:

08/27/20 16:48 Received:

Terpenes	Method	I J AOAC	C 2015 V98-6		Units %	Batch 20	007241	Analy	ze 09/03/20	09:50 AM
Analyte	Result	LOQ	% of Total	Notes	Analyte		Result	LOQ	% of Total	Notes
(-)-a-Terpineol†	< LOQ	0.020	0.00%		(-)-caryophyllen	e oxide†	< LOQ	0.020	0.00%	
(-)-Guaiol†	< LOQ	0.020	0.00%		(-)-Isopulegol†		< LOQ	0.020	0.00%	
(-)-ß-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)-(+)-Limonei	ne†	< 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-ß-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%	
lsoborneol†	< 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%		B-Caryophyllene	e [†]	< LOQ	0.020	0.00%	
B-Myrcene†	< LOQ	0.020	0.00%		Terpinolene [†]		< LOQ	0.020	0.00%	
trans-ß-Ocimene†	< LOQ	0.013	0.00%		valencene†		< LOQ	0.020	0.00%	
Total Terpenes	< LOQ									

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.)	Χ
Cadmium	0.0140		mg/kg	0.00974	2007229	09/02/20	AOAC 2013.06 (mod.)	Χ
Lead	0.0326		mg/kg	0.00974	2007229	09/02/20	AOAC 2013.06 (mod.)	Χ
Mercury	< LOQ		mg/kg	0.00487	2007229	09/02/20	AOAC 2013.06 (mod.)	Χ





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/Metrc ID:

Laboratory ID: 20-009249-0004 Sample Date: 08/26/20 16:00

Summary

Microbiology:

Less than LOQ for all analytes.





Report Number: 20-009249/D03.R00

Report Date: 09/04/2020 ORELAP#: OR100028

Purchase Order:

08/27/20 16:48 Received:

Customer: Etz Hayim Holdings

Product identity: PET-JNT CH89

Client/Metrc ID:

Sample Date: 08/26/20 16:00 Laboratory ID: 20-009249-0004

Relinquished by: Client 25.1 °C Temp:

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)	Χ
Total Coliforms	< LOQ		cfu/g	10	2007154	09/03/20	AOAC 991.14 (Petrifilm)	Χ
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2007155	09/03/20	AOAC 2014.05 (RAPID)	Χ
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2007155	09/03/20	AOAC 2014.05 (RAPID)	Χ





Report Number: 20-009249/D04.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/Metrc 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
рН	3.90		N/A		2007179	09/01/20	AOAC 981.12 (mod.)	X