



## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>ISO.CBG</b>	<b>CG37</b>	<b>NR: Not Reported</b> <b>NA: Not Available</b>
<b>CBG ISOLATE</b>	<b>1 GRAM</b>	<b>LOQ: Limit Of Quantitation</b> <b>LOD: Limit Of Detection</b>
<b>LABORATORY: COLUMBIA LABORATORIES</b>	<b>OREGON ACCREDITATION: OR100028</b>	$1 \text{ g} = 10^{-3} \text{ kg} = 10^3 \text{ mg} = 10^6 \text{ }\mu\text{g}$ $1 \text{ mg/kg} = 1 \text{ ppm} = 1000 \text{ ppb}$

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	<LOQ mg/serving	<LOQ mg/g	N/A
Total THC (d9-THC, d8-THC, THCA)	<LOQ mg/serving	<LOQ mg/g	3 mg/g
Cannabigerol (CBG)	960 mg/serving	960 mg/g	N/A
Cannabinol (CBN)	<LOQ mg/serving	<LOQ mg/g	N/A
Cannabichromene (CBC)	<LOQ mg/serving	<LOQ mg/g	N/A
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	N/A
Delta-9-THC (d9-THC)	<LOQ mg/serving	<LOQ 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	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	10 $\mu\text{g/day}^{[1]}$
Cadmium	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	4.1 $\mu\text{g/day}^{[1]}$
Lead	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	3.5 $\mu\text{g/day}^{[2]}$
Mercury	<LOQ $\mu\text{g/serving}$	<LOQ $\mu\text{g/g}$	2 $\mu\text{g/day}^{[1]}$

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.

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.



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



**Report Number:** 20-007337/D04.R00  
**Report Date:** 07/22/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 07/15/20 11:03

**Customer:** Etz Hayim Holdings  
**Product identity:** CG37-CBG  
**Client/Metric ID:** .  
**Laboratory ID:** 20-007337-0002

### Summary

**Potency:**

Analyte	Result (%)		
CBG <sup>†</sup>	96.0		CBD-Total <LOQ
			THC-Total <LOQ
		● CBG	(Reported in percent of total sample)

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Metals:**

Less than LOQ for all analytes.

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

**Report Number:** 20-007337/D04.R00  
**Report Date:** 07/22/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 07/15/20 11:03



**Customer:** Etz Hayim Holdings

**Product identity:** CG37-CBG  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 20-007337-0002  
**Temp:** 24 °C

### Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Batch: 2005910	Analyze: 7/16/20 5:47:00 PM
Analyte	As Received	Dry weight	LOQ	Notes	
CBC	< LOQ		0.0917		
CBC-A†	< LOQ		0.0917		
CBC-Total†	< LOQ		0.172		
CBD	< LOQ		0.0917		
CBD-A	< LOQ		0.0917		
CBD-Total	< LOQ		0.172		
CBDV†	< LOQ		0.0917		
CBDV-A†	< LOQ		0.0917		
CBDV-Total†	< LOQ		0.171		
CBG†	96.0		0.917		
CBG-A†	< LOQ		0.0917		
CBG-Total	96.0		0.996		
CBL†	< LOQ		0.0917		
CBN	< LOQ		0.0917		
Δ8-THC†	< LOQ		0.0917		
Δ9-THC	< LOQ		0.0917		
THC-A	< LOQ		0.0917		
THC-Total	< LOQ		0.172		
THCV†	< LOQ		0.0917		
THCV-A†	< LOQ		0.0917		
THCV-Total†	< LOQ		0.171		
<b>Total Cannabinoids†</b>	<b>96.0</b>				

● CBG

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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



**Report Number:** 20-007337/D04.R00  
**Report Date:** 07/22/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 07/15/20 11:03

Solvents						Method EPA5021A		Units µg/g		Batch 2005792		Analyze 07/16/20 10:34 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											

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

**Report Number:** 20-007337/D04.R00  
**Report Date:** 07/22/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 07/15/20 11:03



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2005952 Analyze 07/20/20 04:12 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	0.200	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							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Arsenic	< LOQ		mg/kg	0.0427	2005962	07/20/20	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0427	2005962	07/20/20	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0427	2005962	07/20/20	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0213	2005962	07/20/20	AOAC 2013.06 (mod.)	X		

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.