

ISO BI78		NR: Not Reported ND: Not Detected LOQ: Limit Of Quantitation $1\text{ g} = 10^3\text{ kg} = 10^3\text{ mg} = 10^6\text{ }\mu\text{g}$ $1\text{ mg/kg} = 1\text{ ppm} = 1000\text{ ppb}$
CBD ISOLATE	Serving Size: 50 milligrams	
Pixis Labs	Oregon Accreditation: OR100028	

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTIONLEVEL
Cannabidiol (CBD)	>49 mg/serving	>980 mg/g	N/A
Total THC (d9-THC + d8-THC)	<LOQ mg/serving	<LOQ 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)	<LOQ mg/serving	<LOQ mg/g	N/A

HEAVY METALS	PER SERVING	REGULATORY ACTIONLEVEL
Arsenic	<LOQ	10 $\mu\text{g/day}^{[1]}$
Cadmium	<LOQ	4.1 $\mu\text{g/day}^{[1]}$
Lead	<LOQ	3.5 $\mu\text{g/day}^{[2]}$
Mercury	<LOQ	2 $\mu\text{g/day}^{[1]}$

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

RESIDUAL SOLVENTS	PER SERVING	CLASS	REGULATORY ACTIONLEVEL
Ethanol	<LOQ ppm/serving	3	5000 ppm/day ^[3]
Methanol	<LOQ ppm/serving	3	3000 ppm/day ^[3]
Isopropanol	<LOQ ppm/serving	3	5000 ppm/day ^[3]
Pentane	<LOQ ppm/serving	3	5000 ppm/day ^[3]

- 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.
- International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use: ICH Harmonised Guideline. (2016). *Impurities: Guideline for Residual Solvents. Q3C (R6)*. Retrieved from: https://www.ich.org/fileadmin/Public_Web_Site/ICH_Products/Guidelines/Quality/Q3C/Q3C__R6__Step_4.pdf



Product identity: BI78
Laboratory ID: 19-012464-0004

Client/Metric ID: .
Sample Date: 10/10/19

Summary

Potency:

Analyte	Result (%)		
CBD	> 98.0		CBD-Total > 98.0%
CBDV ¹	0.309		THC-Total < 0.182%
		<ul style="list-style-type: none"> ● CBD ● CBDV 	(Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.



Customer: Etz Hayim Holdings

Product identity: BI78
Client/Metric ID: .
Sample Date: 10/10/19
Laboratory ID: 19-012464-0004
Relinquished by: Received By Mail
Temp: 21.8 °C

Sample Results

Potency	Method J AOAC 2015 V98-6			Units %	Batch 1909457	Analyze 10/16/19 01:52 AM
Analyte	As Received	Dry weight	LOQ	Notes		<ul style="list-style-type: none"> ● CBD ● CBDV
CBC†	< LOQ		0.0972			
CBC-A†	< LOQ		0.0972			
CBC-Total†	< LOQ		0.182			
CBD	> 98.0		0.972			
CBD-A	< LOQ		0.0972			
CBD-Total	> 98.0		1.06			
CBDV†	0.309		0.0972			
CBDV-A†	< LOQ		0.0972			
CBDV-Total†	0.309		0.181			
CBG†	< LOQ		0.0972			
CBG-A†	< LOQ		0.0972			
CBG-Total†	< LOQ		0.181			
CBL†	< LOQ		0.0972			
CBN	< LOQ		0.0972			
Δ8-THC†	< LOQ		0.0972			
Δ9-THC	< LOQ		0.0972			
THC-A	< LOQ		0.0972			
THC-Total	< LOQ		0.182			
THCV†	< LOQ		0.0972			
THCV-A†	< LOQ		0.0972			
THCV-Total†	< LOQ		0.181			



Solvents						Method EPA5021A						Units µg/g	Batch 1909285	Analyze 10/14/19 09:47 PM				
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		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								

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



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



Report Number: 19-012770/D05.R00
Report Date: 10/28/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/18/19 10:55

Product identity: BI78
Laboratory ID: 19-012770-0005

Client/Metric ID: .
Sample Date:

Summary

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.



Customer: Etz Hayim Holdings

Product identity: BI78

Client/Metric ID: .

Sample Date:

Laboratory ID: 19-012770-0005

Relinquished by: Kerri Evalt

Temp: 20.9 °C

Sample Results

Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1909579 Analyze 10/22/19 04:09 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	0.0435	1909726	10/25/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0435	1909726	10/25/19	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0435	1909726	10/25/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0217	1909726	10/25/19	AOAC 2013.06 (mod.)	X