



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

Customer: Prepared for Farmacy Bliss

Product identity: 6% Hemp Oil
Client/Metric ID: .
Sample Date:
Laboratory ID: 19-003382-0001
Relinquished by: Received By Mail
Temp: 23 °C

Sample Results

Potency	Method J AOAC 2015 V98-6			Units %	Batch 1902732	Analyze 03/30/19 06:52 AM
Analyte	As Received	Dry weight	LOQ	Notes	<ul style="list-style-type: none"> ● CBD ● CBC ● Δ9-THC 	
CBC†	0.237		0.0838			
CBC-A†	< LOQ		0.0838			
CBC-Total†	0.237		0.188			
CBD	6.68		0.0838			
CBD-A	< LOQ		0.0838			
CBD-Total	6.68		0.188			
CBDV†	< LOQ		0.0838			
CBDV-A†	< LOQ		0.0838			
CBDV-Total†	< LOQ		0.187			
CBG†	< LOQ		0.0838			
CBG-A†	< LOQ		0.0838			
CBG-Total†	< LOQ		0.188			
CBL†	< LOQ		0.0838			
CBN	< LOQ		0.0838			
Δ8-THC†	< LOQ		0.0838			
Δ9-THC	0.0915		0.0838			
THC-A	< LOQ		0.0838			
THC-Total	< LOQ		0.187			
THCV†	< LOQ		0.0838			
THCV-A†	< LOQ		0.0838			
THCV-Total†	< LOQ		0.187			

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Total Coliforms	< LOQ		cfu/g	10	1902641	03/31/19	AOAC 991.14 (Petrifilm)	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 Pixis 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 kept a maximum of 15 days from the report date unless prior arrangements have been made.



This is an amended version of report# 066306.
Reason: Heavy Metal LOQs were adjusted.

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Product identity: 6% Hemp Oil
Laboratory ID: 19-003382-0001

Client/Metric ID:
Sample Date:

Summary

Potency:

Analyte	Result (%)	<ul style="list-style-type: none"> ● CBD ● CBC ● Δ9-THC 		
CBD	6.68		CBD-Total	6.68%
CBC†	0.237		THC-Total	< 0.187%
Δ9-THC	0.0915		(Reported in percent of total sample)	

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
β-Caryophyllene†	0.0528	54.91	α-Bisabolol†	0.0434	45.11

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



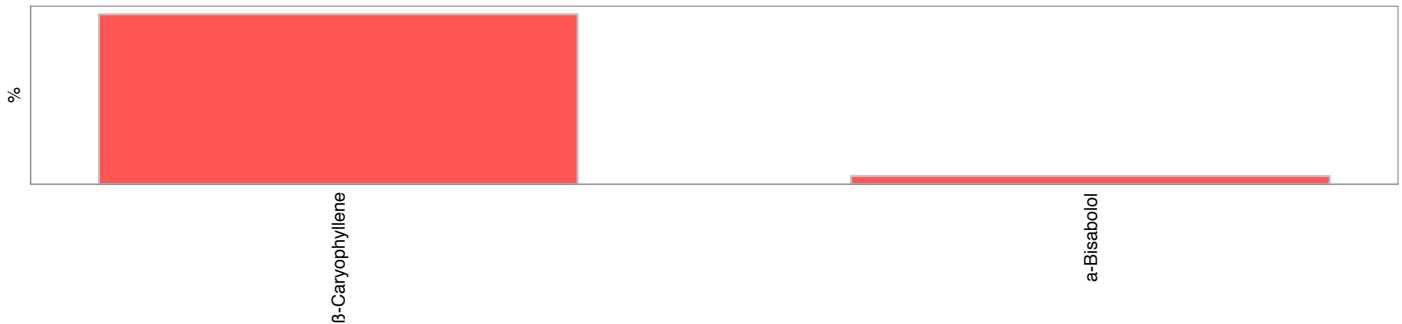
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Pesticides											Method AOAC 2007.01 & EN 15662 (mod)					Units mg/kg		Batch 1902674		Analyze 03/29/19 02:10 PM				
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes													
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< 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		Etoazol	< LOQ	0.20	0.100	pass														
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximat	< 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														
Spiroxamin	< LOQ	0.40	0.200	pass		Tebuconazol	< 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																				



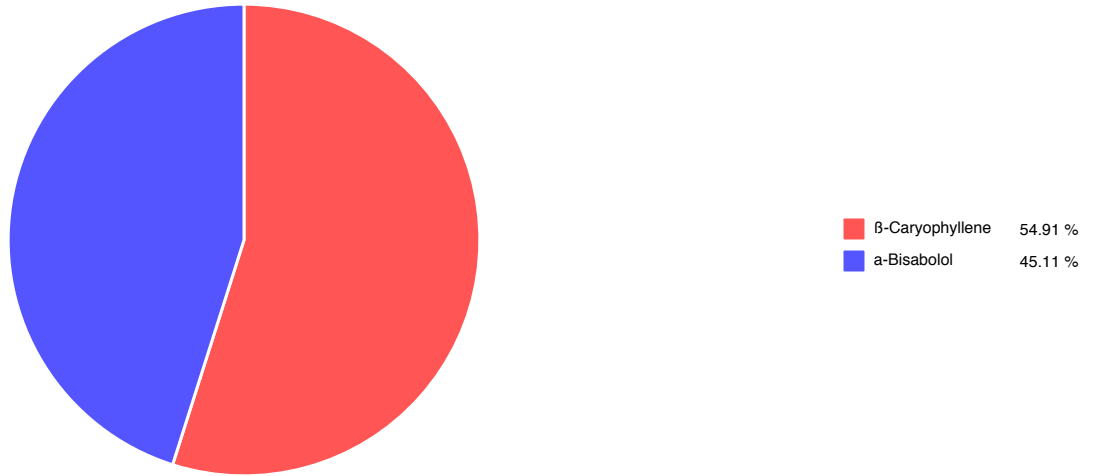
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Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 1902651	Analyze 03/29/19 10:44 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Caryophyllene†	0.0528	0.020	54.91%		α-Bisabolol†	0.0434	0.020	45.11%	
Humulene†	< LOQ	0.020	0.00%		(-)-caryophyllene oxide†	< LOQ	0.020	0.00%	
(-)-α-Terpineol†	< LOQ	0.020	0.00%		(-)-Guaiaol†	< LOQ	0.020	0.00%	
(-)-Isopulegol†	< LOQ	0.020	0.00%		(-)-β-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)-(+)-Limonene†	< LOQ	0.020	0.00%		α-cedrene†	< LOQ	0.020	0.00%	
α-phellandrene†	< LOQ	0.020	0.00%		α-pinene†	< LOQ	0.020	0.00%	
α-Terpinene†	< LOQ	0.020	0.00%		Camphene†	< LOQ	0.020	0.00%	
cis-β-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%	
γ-Terpinene†	< LOQ	0.020	0.00%		Geraniol†	< LOQ	0.020	0.00%	
Geranyl acetate†	< LOQ	0.020	0.00%		Isoborneol†	< 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%	
β-Myrcene†	< LOQ	0.020	0.00%		Terpinolene†	< LOQ	0.020	0.00%	
trans-β-Ocimene†	< LOQ	0.013	0.00%		valencene†	< LOQ	0.020	0.00%	
Total Terpenes	0.10								





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Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.100	1902742	04/01/19	AOAC 2013.06 (mod)	X
Cadmium	< LOQ		mg/kg	0.100	1902742	04/01/19	AOAC 2013.06 (mod)	X
Lead	< LOQ		mg/kg	0.100	1902742	04/01/19	AOAC 2013.06 (mod)	X
Mercury	< LOQ		mg/kg	0.100	1902742	04/01/19	AOAC 2013.06 (mod)	X



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

cfu/g = Colony forming units per gram

mg/kg = Milligram per kilogram

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Laboratory Terpene Quality Control Results

EPA 5035				Batch ID: 1902651					
Method Blank				Laboratory Control Sample					
Analyte	Result	Blank	Notes	Result	LCS Spike	Units	LCS % Rec	Limits	Notes
a-pinene	ND	< 200		500	500	µg/g	100	70 - 130	
Camphene	ND	< 200		526	500	µg/g	105	70 - 130	
Sabinene	ND	< 200		462	500	µg/g	92.3	70 - 130	
b-Pinene	ND	< 200		466	500	µg/g	93.2	70 - 130	
b-Myrcene	ND	< 200		530	500	µg/g	106	70 - 130	
a-phellandrene	ND	< 200		638	500	µg/g	128	70 - 130	
d-3-Carene	ND	< 200		505	500	µg/g	101	70 - 130	
a-Terpinene	ND	< 200		460	500	µg/g	92.0	70 - 130	
p-Cymene	ND	< 200		513	500	µg/g	103	70 - 130	
D-Limonene	ND	< 200		507	500	µg/g	101	70 - 130	
Eucalyptol	ND	< 200		499	500	µg/g	99.8	70 - 130	
b-cis-Ocimene	ND	< 66.7		140	167	µg/g	84.0	70 - 130	
b-trans-Ocimene	ND	< 133		414	333	µg/g	124	70 - 130	
g-Terpinene	ND	< 200		617	500	µg/g	123	70 - 130	
Sabinene_Hydrate	ND	< 200		354	500	µg/g	70.7	70 - 130	
Terpinolene	ND	< 200		468	500	µg/g	93.7	70 - 130	
D-Fenchone	ND	< 200		477	500	µg/g	95.5	70 - 130	
Linalool	ND	< 200		481	500	µg/g	96.1	70 - 130	
Fenchol	ND	< 200		423	500	µg/g	84.6	70 - 130	
Camphor	ND	< 200		583	500	µg/g	117	70 - 130	
Isopulego	ND	< 200		448	500	µg/g	89.6	70 - 130	
Isoborneol	ND	< 200		481	500	µg/g	96.3	70 - 130	
Borneol	ND	< 200		459	500	µg/g	91.7	70 - 130	
DL-Menthol	ND	< 200		500	500	µg/g	100	70 - 130	
Terpineol	ND	< 200		474	500	µg/g	94.8	70 - 130	
Nerol	ND	< 200		439	500	µg/g	87.8	70 - 130	
Pulegone	ND	< 200		527	500	µg/g	105	70 - 130	
Geraniol	ND	< 200		469	500	µg/g	93.8	70 - 130	
Geranyl_Acetate	ND	< 200		506	500	µg/g	101	70 - 130	
a-Cedrene	ND	< 200		434	500	µg/g	86.7	70 - 130	
b-Caryophyllene	ND	< 200		540	500	µg/g	108.0	70 - 130	
a-Humulene	ND	< 200		424	500	µg/g	84.9	70 - 130	
Valene	ND	< 200		456	500	µg/g	91.1	70 - 130	
cis-Nerolidol	ND	< 200		535	500	µg/g	107	70 - 130	
a-Farnesene	ND	< 200		640	500	µg/g	128	70 - 130	
trans-Nerolidol	ND	< 122		271	305	µg/g	89.0	70 - 130	
Caryophyllene_Oxide	ND	< 200		510	500	µg/g	102	70 - 130	
Guaiaol	ND	< 200		467	500	µg/g	93.5	70 - 130	
Cedrol	ND	< 200		546	500	µg/g	109	70 - 130	
a-Bisabolol	ND	< 200		499	500	µg/g	99.7	70 - 130	



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Sample/Sample Duplicate		Sample ID: 19-002982-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD, %	Sample Duplicate	% Limits	Notes
a-pinene	948.6	927.4	200	µg/g	1.13	< 20	80 - 120	
Camphene	247.4	242.1	200	µg/g	1.08	< 20	80 - 120	
Sabinene	ND	ND	200	µg/g	0	< 20	80 - 120	
b-Pinene	1060	1027	200	µg/g	1.58	< 20	80 - 120	
b-Myrcene	9076	8847	200	µg/g	1.28	< 20	80 - 120	
a-phellandrene	ND	ND	200	µg/g	0	< 20	80 - 120	
d-3-Carene	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Terpinene	ND	ND	200	µg/g	0	< 20	80 - 120	
p-Cymene	ND	ND	200	µg/g	0	< 20	80 - 120	
D-Limonene	6856	6661	200	µg/g	1.44	< 20	80 - 120	
Eucalyptol	ND	148.7	200	µg/g	0	< 20	80 - 120	
b-cis-Ocimene	ND	ND	66.7	µg/g	0	< 20	80 - 120	
b-trans-Ocimene	ND	ND	133	µg/g	0	< 20	80 - 120	
g-Terpinene	ND	ND	200	µg/g	0	< 20	80 - 120	
Sabinene Hydrate	ND	ND	200	µg/g	0	< 20	80 - 120	
Terpinolene	ND	ND	200	µg/g	0	< 20	80 - 120	
D-Fenchone	ND	ND	200	µg/g	0	< 20	80 - 120	
Linalool	4883	4743	200	µg/g	1.45	< 20	80 - 120	
Fenchol	1278	1239	200	µg/g	1.55	< 20	80 - 120	
Camphor	ND	191	200	µg/g	0	< 20	80 - 120	
Isopulego	ND	ND	200	µg/g	0	< 20	80 - 120	
Isoborneol	ND	ND	200	µg/g	0	< 20	80 - 120	
Borneol	333	320.6	200	µg/g	1.90	< 20	80 - 120	
DL-Menthol	ND	ND	200	µg/g	0	< 20	80 - 120	
Terpineol	1463	1246	200	µg/g	8.01	< 20	80 - 120	
Nerol	ND	ND	200	µg/g	0	< 20	80 - 120	
Pulegone	ND	ND	200	µg/g	0	< 20	80 - 120	
Geraniol	ND	ND	200	µg/g	0	< 20	80 - 120	
Geranyl Acetate	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Cedrene	315.4	302	200	µg/g	2.17	< 20	80 - 120	
b-Caryophyllene	20730	20200	200	µg/g	1.29	< 20	80 - 120	
a-Humulene	6623	6376	200	µg/g	1.90	< 20	80 - 120	
Valenene	ND	ND	200	µg/g	0	< 20	80 - 120	
cis-Nerolidol	ND	ND	200	µg/g	0	< 20	80 - 120	
a-Farnesene	52400	4913	200	µg/g	82.86	< 20	80 - 120	
trans-Nerolidol	214.5	ND	122	µg/g	0	< 20	80 - 120	
Caryophyllene Oxide	1095	10530	200	µg/g	81.16	< 20	80 - 120	
Guaiol	4017	3685	200	µg/g	4.31	< 20	80 - 120	
Cedrol	661.8	625.6	200	µg/g	2.81	< 20	80 - 120	
a-Bisabolol	2120	2044	200	µg/g	1.83	< 20	80 - 120	



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Revision: 0.01 Control: CFL-C22
Revised: 12/4/2018 Effective: 12/4/2018

Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg		Batch ID: 1902674				
Method Bank			Laboratory Control Sample					
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spke	LCS% Re	Limits	Notes
Acephate	ND	< 0.200		1.020	1.000	102.0	70 - 130	
Acequinocyl	ND	< 1.000		3.780	4.000	94.5	70 - 130	
Acetamiprid	ND	< 0.100		0.401	0.400	100.3	70 - 130	
Aldicarb	ND	< 0.200		0.803	0.800	100.4	70 - 130	
Abamectin	ND	< 0.288		0.931	1.000	93.1	70 - 130	
Azoxystrobin	ND	< 0.100		0.394	0.400	98.5	70 - 130	
Bifenazate	ND	< 0.100		0.448	0.400	112.0	70 - 130	
Bifenthrin	ND	< 0.100		0.395	0.400	98.8	70 - 130	
Boscalid	ND	< 0.100		0.851	0.800	106.4	70 - 130	
Carbaryl	ND	< 0.100		0.415	0.400	103.8	70 - 130	
Carbofuran	ND	< 0.100		0.410	0.400	102.5	70 - 130	
Chlorantraniliprol	ND	< 0.100		0.369	0.400	92.3	70 - 130	
Chlorfenapyr	ND	< 1.000		1.810	2.000	90.5	70 - 130	
Chlorpyrifos	ND	< 0.100		0.405	0.400	101.3	70 - 130	
Clofentezine	ND	< 0.100		0.403	0.400	100.8	70 - 130	
Cyfluthrin	ND	< 1.000		1.980	2.000	99.0	30 - 150	
Cypermethrin	ND	< 1.000		1.930	2.000	96.5	70 - 130	
Daminozide	ND	< 1.000		2.010	2.000	100.5	30 - 150	
Diazinon	ND	< 0.100		0.339	0.400	84.8	70 - 130	
Dichlorvos	ND	< 0.500		2.210	2.000	110.5	70 - 130	
Dimethoat	ND	< 0.100		0.403	0.400	100.8	70 - 130	
Ethoprophos	ND	< 0.100		0.432	0.400	108.0	70 - 130	
Etofenprox	ND	< 0.100		0.829	0.800	103.6	70 - 130	
Etoxazol	ND	< 0.100		0.421	0.400	105.3	70 - 130	
Fenoxycarb	ND	< 0.100		0.390	0.400	97.5	70 - 130	
Fenpyroximat	ND	< 0.100		0.802	0.800	100.3	70 - 130	
Fipronil	ND	< 0.100		0.776	0.800	97.0	70 - 130	
Flonicamid	ND	< 0.400		0.976	1.000	97.6	70 - 130	
Fludioxonil	ND	< 0.100		0.883	0.800	110.4	70 - 130	
Hexythiazox	ND	< 0.400		1.020	1.000	102.0	70 - 130	
Imazalil	ND	< 0.100		0.441	0.400	110.3	70 - 130	
Imidacloprid	ND	< 0.200		0.806	0.800	100.8	70 - 130	
Kresoxim-Methyl	ND	< 0.100		0.799	0.800	99.9	70 - 130	
Malathion	ND	< 0.100		0.404	0.400	101.0	70 - 130	
Metalaxyl	ND	< 0.100		0.390	0.400	97.5	70 - 130	
Methiocarb	ND	< 0.100		0.417	0.400	104.3	70 - 130	
Methomyl	ND	< 0.200		0.789	0.800	98.6	70 - 130	
MGK 264	ND	< 0.100		0.379	0.400	94.8	70 - 130	
Myclobutanil	ND	< 0.100		0.447	0.400	111.8	70 - 130	
Naled	ND	< 0.200		0.953	1.000	95.3	70 - 130	
Oxamyl	ND	< 0.400		2.050	2.000	102.5	70 - 130	
Paclobutrazol	ND	< 0.200		0.866	0.800	108.3	70 - 130	
Parathion Methyl	ND	< 0.200		1.000	0.800	125.0	30 - 150	
Permethrin	ND	< 0.100		0.383	0.400	95.8	70 - 130	
Phosmet	ND	< 0.100		0.390	0.400	97.5	70 - 130	
Piperonyl butoxide	ND	< 1.000		2.080	2.000	104.0	70 - 130	
Prallethrin	ND	< 0.200		0.438	0.400	109.5	70 - 130	
Propiconazole	ND	< 0.200		0.694	0.800	86.8	70 - 130	
Propoxur	ND	< 0.100		0.405	0.400	101.3	70 - 130	
Pyrethrins	ND	< 0.500		0.249	0.284	87.7	70 - 130	
Pyridaben	ND	< 0.100		0.370	0.400	92.5	70 - 130	
Spinosad	ND	< 0.100		0.370	0.388	95.4	70 - 130	
Spiromesifen	ND	< 0.100		0.395	0.400	98.8	70 - 130	
Spirotetramat	ND	< 0.100		0.447	0.400	111.8	70 - 130	
Spiroxamine	ND	< 0.100		0.772	0.800	96.5	70 - 130	
Tebuconazol	ND	< 0.200		0.707	0.800	88.4	70 - 130	
Thiacloprid	ND	< 0.100		0.406	0.400	101.5	70 - 130	
Thiamethoxam	ND	< 0.100		0.403	0.400	100.8	70 - 130	
Trifloxystrobin	ND	< 0.100		0.380	0.400	95.0	70 - 130	



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Revision: 0.01 Control: CFL-C22
Revised: 12/4/2018 Effective: 12/4/2018

Laboratory Pesticide Quality Control Results

AOAC2007.1 & EN 15662		Units: mg/Kg				Batch ID: 1902674			
Matrix Spike/ Matrix Spike Duplicate Recoveries					Sample ID: 19-003384-0003				
Analyte	Result	MS Res	MSD Res	Spike	RPD%	MS % Re	MSD % Re	Limits	Notes
Acephate	0.000	0.987	1.000	1.000	1.3	< 30	98.7	100.0	50 - 150
Acequinocyl	0.000	3.860	4.000	4.000	3.6	< 30	96.5	100.0	50 - 150
Acetamiprid	0.005	0.385	0.399	0.400	3.6	< 30	95.0	98.5	50 - 150
Aldicarb	0.008	0.794	0.786	0.800	1.0	< 30	98.3	97.3	50 - 150
Abamectin	0.000	1.300	1.190	1.000	8.8	< 30	130.0	119.0	50 - 150
Azoxystrobin	0.015	0.454	0.488	0.400	7.2	< 30	109.9	118.4	50 - 150
Bifenazate	0.000	0.433	0.451	0.400	4.1	< 30	108.3	112.8	50 - 150
Bifenthrin	0.061	0.944	0.993	0.400	5.1	< 30	220.7	232.9	50 - 150 O6
Boscalid	0.000	0.767	0.923	0.800	18.5	< 30	95.9	115.4	50 - 150
Carbaryl	0.003	0.370	0.391	0.400	5.5	< 30	91.8	97.0	50 - 150
Carbofuran	0.002	0.396	0.388	0.400	2.0	< 30	98.5	96.5	50 - 150
Chlorantraniliprol	0.007	0.378	0.389	0.400	2.9	< 30	92.7	95.5	50 - 150
Chlorfenapyr	0.089	2.730	2.460	2.000	10.4	< 30	132.1	118.6	50 - 150
Chlorpyrifos	0.000	0.364	0.368	0.400	1.1	< 30	91.0	92.0	50 - 150
Clofentezine	0.010	0.452	0.460	0.400	1.8	< 30	110.5	112.5	50 - 150
Cyfluthrin	0.046	2.850	3.140	2.000	9.7	< 30	140.2	154.7	30 - 150 O1
Cypermethrin	0.042	2.250	2.240	2.000	0.4	< 30	110.4	109.9	50 - 150
Daminozide	0.010	1.820	1.890	2.000	3.8	< 30	90.5	94.0	30 - 150
Diazinon	0.000	0.340	0.362	0.400	6.3	< 30	85.0	90.5	50 - 150
Dichlorvos	0.000	2.160	2.220	2.000	2.7	< 30	108.0	111.0	50 - 150
Dimethoat	0.004	0.395	0.399	0.400	1.0	< 30	97.8	98.8	50 - 150
Ethoprophos	0.000	0.424	0.437	0.400	3.0	< 30	106.0	109.3	50 - 150
Etofenprox	0.001	0.854	0.918	0.800	7.2	< 30	106.6	114.6	50 - 150
Etozoxol	0.029	0.439	0.450	0.400	2.5	< 30	102.5	105.3	50 - 150
Fenoxycarb	0.000	0.321	0.372	0.400	14.7	< 30	80.3	93.0	50 - 150
Fenproximat	0.017	0.929	0.900	0.800	3.2	< 30	114.0	110.4	50 - 150
Fipronil	0.000	0.657	0.708	0.800	7.5	< 30	82.1	88.5	50 - 150
Flonicamid	0.000	0.967	1.010	1.000	4.4	< 30	96.7	101.0	50 - 150
Fludioxonil	0.000	0.885	0.886	0.800	0.1	< 30	110.6	110.8	50 - 150
Hexythiazox	0.037	0.788	0.827	1.000	4.8	< 30	75.1	79.0	50 - 150
Imazalil	0.014	0.401	0.438	0.400	8.8	< 30	96.7	106.0	50 - 150
Imidacloprid	0.003	0.801	0.903	0.800	12.0	< 30	99.7	112.5	50 - 150
Kresoxim-Methyl	0.000	0.673	0.792	0.800	16.2	< 30	84.1	99.0	50 - 150
Malathion	0.000	0.463	0.462	0.400	0.2	< 30	115.8	115.5	50 - 150
Metaxalyl	0.004	0.408	0.388	0.400	5.0	< 30	101.0	96.0	50 - 150
Methiocarb	0.000	0.438	0.434	0.400	0.9	< 30	109.5	108.5	50 - 150
Methomyl	0.000	0.804	0.813	0.800	1.1	< 30	100.5	101.6	50 - 150
MGK 264	0.009	0.375	0.349	0.400	7.2	< 30	91.6	85.1	50 - 150
Myclobutanil	0.000	0.409	0.449	0.400	9.3	< 30	102.3	112.3	50 - 150
Naled	0.000	0.920	0.883	1.000	4.1	< 30	92.0	88.3	50 - 150
Oxamyl	0.000	2.020	2.040	2.000	1.0	< 30	101.0	102.0	50 - 150
Paclobutrazol	0.002	0.832	0.807	0.800	3.1	< 30	103.7	100.6	50 - 150
Parathion Methyl	0.030	0.798	0.834	0.800	4.4	< 30	96.0	100.5	30 - 150
Permethrin	0.010	0.490	0.475	0.400	3.1	< 30	120.0	116.3	50 - 150
Phosmet	0.000	0.388	0.404	0.400	4.0	< 30	97.0	101.0	50 - 150
Piperonyl butoxide	0.079	2.430	2.460	2.000	1.2	< 30	117.5	119.0	50 - 150
Prallethrin	0.013	0.370	0.348	0.400	6.1	< 30	89.2	83.7	50 - 150
Propiconazole	0.000	0.751	0.738	0.800	1.7	< 30	93.9	92.3	50 - 150
Propoxur	0.004	0.395	0.406	0.400	2.7	< 30	97.7	100.5	50 - 150
Pyrethrins	0.000	0.266	0.262	0.284	1.5	< 30	93.7	92.3	50 - 150
Pyridaben	0.012	0.287	0.294	0.400	2.4	< 30	68.9	70.6	50 - 150
Spinosad	0.000	0.408	0.388	0.388	5.0	< 30	105.2	100.0	50 - 150
Spiromesifen	0.000	0.257	0.266	0.400	3.4	< 30	64.3	66.5	50 - 150
Spirotetramat	0.000	0.347	0.350	0.400	0.9	< 30	86.8	87.5	50 - 150
Spiroxamine	0.014	0.776	0.802	0.800	3.3	< 30	95.2	98.5	50 - 150
Tebuconazol	0.000	0.690	0.759	0.800	9.5	< 30	86.3	94.9	50 - 150
Thiacloprid	0.007	0.391	0.403	0.400	3.0	< 30	95.9	98.9	50 - 150
Thiamethoxam	0.003	0.393	0.414	0.400	5.2	< 30	97.6	102.8	50 - 150
Trifloxystrobin	0.005	0.460	0.445	0.400	2.2	< 30	113.6	109.9	50 - 150

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 Pixis 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 kept a maximum of 15 days from the report date unless prior arrangements have been made.



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Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 1902732**

Laboratory Control Sample									
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes		
CBDV-A	0.195	0.2	%	97.5	85 - 115	Acceptable			
CBDV	0.203	0.2	%	102	85 - 115	Acceptable			
CBD-A	0.183	0.2	%	91.5	85 - 115	Acceptable			
CBG-A	0.194	0.2	%	97.0	85 - 115	Acceptable			
CBG	0.200	0.2	%	100	85 - 115	Acceptable			
CBD	0.177	0.2	%	88.5	85 - 115	Acceptable			
THCV	0.190	0.2	%	95.0	85 - 115	Acceptable			
THCVA	0.188	0.2	%	94.0	85 - 115	Acceptable			
CBN	0.187	0.2	%	93.5	85 - 115	Acceptable			
THC	0.180	0.2	%	90.0	85 - 115	Acceptable			
D8THC	0.179	0.2	%	89.5	85 - 115	Acceptable			
CBL	0.185	0.2	%	92.5	85 - 115	Acceptable			
CBC	0.197	0.2	%	98.5	85 - 115	Acceptable			
THCA	0.172	0.2	%	86.0	85 - 115	Acceptable			
CBCA	0.187	0.2	%	93.5	85 - 115	Acceptable			

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	ND	0.1	%	< 0.1	Acceptable	
CBDV	ND	0.1	%	< 0.1	Acceptable	
CBD-A	ND	0.1	%	< 0.1	Acceptable	
CBG-A	ND	0.1	%	< 0.1	Acceptable	
CBG	ND	0.1	%	< 0.1	Acceptable	
CBD	ND	0.1	%	< 0.1	Acceptable	
THCV	ND	0.1	%	< 0.1	Acceptable	
THCVA	ND	0.1	%	< 0.1	Acceptable	
CBN	ND	0.1	%	< 0.1	Acceptable	
THC	ND	0.1	%	< 0.1	Acceptable	
D8THC	ND	0.1	%	< 0.1	Acceptable	
CBL	ND	0.1	%	< 0.1	Acceptable	
CBC	ND	0.1	%	< 0.1	Acceptable	
THCA	ND	0.1	%	< 0.1	Acceptable	
CBCA	ND	0.1	%	< 0.1	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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J AOAC 2015 V98-6		Batch ID: 1902732						
Sample Duplicate		Sample ID: 19-003289-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBDV	0.383	0.393	0.1	%	2.58	< 20	Acceptable	
CBD-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBG-A	ND	ND	0.1	%	0	< 20	Acceptable	
CBG	ND	ND	0.1	%	0	< 20	Acceptable	
CBD	89.5	91.3	0.1	%	1.99	< 20	Acceptable	
THCV	ND	ND	0.1	%	0	< 20	Acceptable	
THCVA	ND	ND	0.1	%	0	< 20	Acceptable	
CBN	ND	ND	0.1	%	0	< 20	Acceptable	
THC	ND	ND	0.1	%	0	< 20	Acceptable	
D8THC	ND	ND	0.1	%	0	< 20	Acceptable	
CBL	0.117	0.124	0.1	%	5.81	< 20	Acceptable	
CBC	ND	ND	0.1	%	0	< 20	Acceptable	
THCA	ND	ND	0.1	%	0	< 20	Acceptable	
CBCA	ND	ND	0.1	%	0	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.

Raw Material: Centuria 25mg Gel Capsules	
Part No: CEN-5.5-SFT-GEL	Revision No: 00

9. MICROBIOLOGICAL:

Parameter	Specification	Method
Aerobic Plate Count	<1,000 CFU/g	AOAC 990.12
E. coli	<100 CFU/g	AOAC 990.12
<i>S. aureus</i>	<1,000 CFU/g	AOAC 990.12
Yeast and Mold	<100 CFU/g	AOAC 990.12
Salmonella	Not Detected	AOAC 2011.03

10. Strength

Parameter	Specification	Method
THC	<0.3% w/w	HPLC-DAD
CBD	>25 mg/Capsule	HPLC-DAD