



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



Report Number: 23-014145/D005.R000
Report Date: 12/11/2023
ORELAP#: OR100028
Purchase Order:
Received: 12/04/23 11:31

Customer: Whole Leaf Health, LLC
Product identity: CBDPure 1000, Batch #0723T602
Client/Metric ID: .
Laboratory ID: 23-014145-0002

Summary

Potency:

Analyte per 60ml	Result	Limits	Units	Status		
CBC per 60ml	21.5		mg/60ml		CBD-Total (%)	1.98 %
CBD per 60ml	1090		mg/60ml			
CBD-A per 60ml	4.66		mg/60ml			
CBDV per 60ml	8.06		mg/60ml		CBD-Total per 60ml	1090 mg/60ml
CBE per 60ml	6.73		mg/60ml			
CBG per 60ml	10.2		mg/60ml			
CBN per 60ml	2.75		mg/60ml		THC-Total (%)	0.0526 %
Δ9-THC per 60ml	29.0		mg/60ml			

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
farnesene	0.0600	49.18%	a-Bisabolol	0.0313	25.66%
β-Caryophyllene	0.0304	24.92%	Total Terpenes	0.122	100.00%

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: Whole Leaf Health, LLC
 2621 NE 134th St, Suite 200
 Vancouver Washington 98686
 United States of America (USA)

Product identity: CBDPure 1000, Batch #0723T602

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-014145-0002

Evidence of Cooling: No

Temp: 19.2 °C

Relinquished by: shipping

Serving Size #1: 55.2 g

Density: 0.9200 g/ml

Sample Results

Potency per 60ml	Method: J AOAC 2015 V98-6 (mod) ^b	Units mg/se	Batch: 2313372	Analyze: 12/6/23 6:25:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 60ml	21.5		mg/60ml	1.80	
CBC-A per 60ml	< LOQ		mg/60ml	1.80	
CBC-Total per 60ml	21.5		mg/60ml	3.38	
CBD per 60ml	1090		mg/60ml	18.0	
CBD-A per 60ml	4.66		mg/60ml	1.80	
CBD-Total per 60ml	1090		mg/60ml	19.6	
CBDV per 60ml	8.06		mg/60ml	1.80	
CBDV-A per 60ml	< LOQ		mg/60ml	1.80	
CBDV-Total per 60ml	8.06		mg/60ml	3.36	
CBE per 60ml	6.73		mg/60ml	1.80	
CBG per 60ml	10.2		mg/60ml	1.80	
CBG-A per 60ml	< LOQ		mg/60ml	1.80	
CBG-Total per 60ml	10.2		mg/60ml	3.36	
CBL per 60ml	< LOQ		mg/60ml	1.80	
CBL-A per 60ml	< LOQ		mg/60ml	1.80	
CBL-Total per 60ml	< LOQ		mg/60ml	3.38	
CBN per 60ml	2.75		mg/60ml	1.80	
CBT per 60ml	< LOQ		mg/60ml	1.80	
Δ8-THCV per 60ml	< LOQ		mg/60ml	1.80	
Δ10-THC-9R per 60ml	< LOQ		mg/60ml	1.80	
Δ10-THC-9S per 60ml	< LOQ		mg/60ml	1.80	
Δ10-THC-Total per 60ml	< LOQ		mg/60ml	3.60	
Δ8-THC per 60ml	< LOQ		mg/60ml	1.80	
Δ9-THC per 60ml	29.0		mg/60ml	1.80	
delta-9-THCP per 60ml	< LOQ		mg/60ml	1.80	
exo-THC per 60ml	< LOQ		mg/60ml	1.80	
THC-A per 60ml	< LOQ		mg/60ml	1.80	
THC-Total per 60ml	29.0		mg/60ml	3.38	
THCV per 60ml	< LOQ		mg/60ml	1.80	



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Potency per 60ml **Method:** J AOAC 2015 V98-6 (mod)^b **Units mg/se** **Batch:** 2313372 **Analyze:** 12/6/23 6:25:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
THCV-A per 60ml	< LOQ		mg/60ml	1.80	
THCV-Total per 60ml	< LOQ		mg/60ml	3.38	
Total Cannabinoids per 60ml	1170		mg/60ml		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2313297	12/07/23 AOAC 990.12 (Petrifilm) ^b		
E.coli	< LOQ		cfu/g	10	2313295	12/07/23 AOAC 991.14 (Petrifilm) ^b		
Total Coliforms	< LOQ		cfu/g	10	2313295	12/07/23 AOAC 991.14 (Petrifilm) ^b		
Staphylococcus aureus	< LOQ		cfu/g	10	2313299	12/06/23 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2313296	12/08/23 AOAC 2014.05 (RAPID) ^b		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2313296	12/08/23 AOAC 2014.05 (RAPID) ^b		
Listeria spp.	Negative	/25g			2313302	12/06/23 AOAC 2019.10		
Salmonella spp. by PCR*	Negative	/25g			2313300	12/06/23 AOAC 2020.02 ^b		
EHEC including STEC*	Negative	/25g			2313301	12/06/23 AOAC RI 121806 ^b		

Solvents **Method:** Residual Solvents by GC/MS^b **Units** µg/g **Batch** 2313336 **Analyze** 12/06/23 10:31 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 (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< 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	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< 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 benzene	< LOQ	2170	600	pass	



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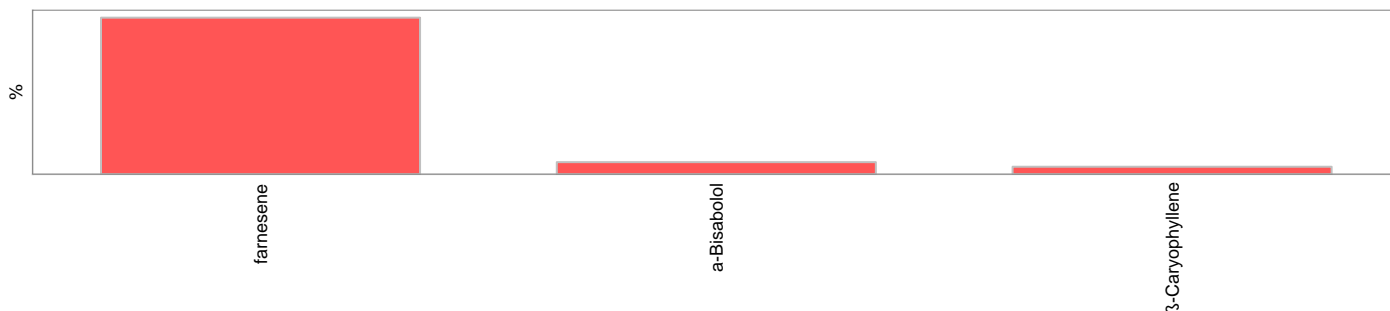


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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b											
Units mg/kg Batch 2313414 Analyze 12/08/23 11:34 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [‡]	< LOQ	0.50	0.250	pass		Acephate [‡]	< LOQ	0.40	0.200	pass	
Acequinocyl [‡]	< LOQ	2.0	1.00	pass		Acetamidiprid [‡]	< 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		Paclotbutrazole [‡]	< LOQ	0.40	0.200	pass	
Parathion-Methyl [‡]	< LOQ	0.20	0.100	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	
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							



Terpenes				Method: J AOAC 2015 V98-6	Units %	Batch 2313417	Analyze 12/07/23 06:00 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
farnesene	0.0600	0.018	49.1803%		a-Bisabolol	0.0313	0.018	25.6557%	
β-Caryophyllene	0.0304	0.018	24.9180%		Humulene	< LOQ	0.018	0.00%	
(-)-Guaiol	< LOQ	0.018	0.00%		(-)-caryophyllene oxide	< LOQ	0.018	0.00%	
nerol	< LOQ	0.018	0.00%		Geraniol	< LOQ	0.018	0.00%	
(+)-Pulegone	< LOQ	0.018	0.00%		Geranyl acetate	< LOQ	0.018	0.00%	
(+)-Cedrol	< LOQ	0.018	0.00%		(+)-fenchol	< LOQ	0.018	0.00%	
(±)-Camphor	< LOQ	0.018	0.00%		(-)-Isopulegol	< LOQ	0.018	0.00%	
Linalool	< LOQ	0.018	0.00%		Menthol	< LOQ	0.018	0.00%	
cis-β-Ocimene	< LOQ	0.006	0.00%		(+)-Borneol	< LOQ	0.018	0.00%	
Isoborneol	< LOQ	0.018	0.00%		a-Terpinene	< LOQ	0.018	0.00%	
(±)-cis-Nerolidol	< LOQ	0.018	0.00%		valencene	< LOQ	0.018	0.00%	
(-)-a-Terpineol	< LOQ	0.018	0.00%		Eucalyptol	< LOQ	0.018	0.00%	
(R)-(+)-Limonene	< LOQ	0.018	0.00%		p-Cymene	< LOQ	0.018	0.00%	
trans-β-Ocimene	< LOQ	0.012	0.00%		(±)-trans-Nerolidol	< LOQ	0.018	0.00%	
(-)-β-Pinene	< LOQ	0.018	0.00%		(±)-fenchone	< LOQ	0.018	0.00%	
a-cedrene	< LOQ	0.018	0.00%		a-phellandrene	< LOQ	0.018	0.00%	
a-pinene	< LOQ	0.018	0.00%		Camphene	< LOQ	0.018	0.00%	
d-3-Carene	< LOQ	0.018	0.00%		gamma-Terpinene	< LOQ	0.018	0.00%	
Sabinene	< LOQ	0.018	0.00%		Sabinene hydrate	< LOQ	0.018	0.00%	
β-Myrcene	< LOQ	0.018	0.00%		Terpinolene	< LOQ	0.018	0.00%	
Total Terpenes	0.122								



Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [‡]	< LOQ	0.200	mg/kg	0.0862	2313352	12/06/23 AOAC 2013.06 (mod.) ^p	pass	
Cadmium [‡]	< LOQ	0.200	mg/kg	0.0862	2313352	12/06/23 AOAC 2013.06 (mod.) ^p	pass	
Lead [‡]	< LOQ	0.500	mg/kg	0.0862	2313352	12/06/23 AOAC 2013.06 (mod.) ^p	pass	
Mercury [‡]	< LOQ	0.100	mg/kg	0.0431	2313352	12/06/23 AOAC 2013.06 (mod.) ^p	pass	



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

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.

Ⓐ = ISO/IEC 17025:2017 accredited method.

* = TNI accredited analyte.

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

g = g

g/ml = Gram per milliliter

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/60ml = Milligram per 60ml

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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