



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



Report Number: 22-015747/D005.R000
Report Date: 01/13/2023
ORELAP#: OR100028
Purchase Order:
Received: 12/27/22 09:58

Customer: Whole Leaf Health, LLC
Product identity: CBDPure 600; Batch 52463
Client/Metric ID: .
Laboratory ID: 22-015747-0002

Summary

Potency:

Analyte per 60ml	Result	Limits	Units	Status
CBD per 60ml	856		mg/60ml	

CBD-Total (%)				1.55 %

CBD-Total per 60ml				856 mg/60ml

THC-Total (%)				<LOQ

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

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 600; Batch 52463

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-015747-0002

Evidence of Cooling: No

Temp: 13.9 °C

Relinquished by: UPS

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: 2210961		Analyze: 12/29/22 12:29:00 A
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 60ml	< LOQ		mg/60ml	0.746		
CBC-A per 60ml	< LOQ		mg/60ml	0.746		
CBC-Total per 60ml	< LOQ		mg/60ml	1.40		
CBD per 60ml	856		mg/60ml	41.2		
CBD-A per 60ml	< LOQ		mg/60ml	0.746		
CBD-Total per 60ml	856		mg/60ml	77.3		
CBDV per 60ml	< LOQ		mg/60ml	41.2		
CBDV-A per 60ml	< LOQ		mg/60ml	41.2		
CBDV-Total per 60ml	< LOQ		mg/60ml	76.8		
CBE per 60ml	< LOQ		mg/60ml	0.746		
CBG per 60ml	< LOQ		mg/60ml	0.746		
CBG-A per 60ml	< LOQ		mg/60ml	0.746		
CBG-Total per 60ml	< LOQ		mg/60ml	1.39		
CBL per 60ml	< LOQ		mg/60ml	0.746		
CBL-A per 60ml	< LOQ		mg/60ml	0.746		
CBL-Total per 60ml	< LOQ		mg/60ml	1.40		
CBN per 60ml	< LOQ		mg/60ml	0.746		
CBT per 60ml	< LOQ		mg/60ml	0.746		
Δ8-THCV per 60ml	< LOQ		mg/60ml	0.746		
Δ10-THC per 60ml	< LOQ		mg/60ml	0.746		
Δ8-THC per 60ml	< LOQ		mg/60ml	0.746		
Δ9-THC per 60ml	< LOQ		mg/60ml	0.746		
exo-THC per 60ml	< LOQ		mg/60ml	0.746		
THC-A per 60ml	< LOQ		mg/60ml	0.746		
THC-Total per 60ml	< LOQ		mg/60ml	1.40		
THCV per 60ml	< LOQ		mg/60ml	0.746		
THCV-A per 60ml	< LOQ		mg/60ml	41.2		
THCV-Total per 60ml	< LOQ		mg/60ml	77.3		
Total Cannabinoids per 60ml	872		mg/60ml			



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2210921	12/30/22 AOAC 990.12 (Petrifilm) ^P		
E.coli	< LOQ		cfu/g	10	2210918	12/30/22 AOAC 991.14 (Petrifilm) ^P		
Total Coliforms	< LOQ		cfu/g	10	2210918	12/30/22 AOAC 991.14 (Petrifilm) ^P		
Staphylococcus aureus	< LOQ		cfu/g	10	2210922	12/29/22 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2210919	12/30/22 AOAC 2014.05 (RAPID) ^P		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2210919	12/30/22 AOAC 2014.05 (RAPID) ^P		
E. coli, O157:H7 (by PCR)	Negative		/25g		2210925	12/29/22 AOAC 2019.03 ^P		
Listeria spp.	Negative		/25g		2210924	12/29/22 AOAC 2019.10		
Salmonella spp. by PCR	Negative		/25g		2210923	12/29/22 AOAC 2020.02 ^P		

Solvents		Method: Residual Solvents by GC/MS ^P					Units µg/g	Batch 2300376	Analyze 01/12/23 12:27 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 (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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Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b											
Units mg/kg Batch 2300085 Analyze 01/04/23 03:00 PM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [‡]	< LOQ	0.50	0.250	pass		Acephate [‡]	< LOQ	0.40	0.200	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	
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		Pacllobutrazole [‡]	< 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							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed	Method	Status	Notes	
Arsenic	< LOQ	0.200	mg/kg	0.0897	2210957	12/28/22	AOAC 2013.06 (mod.) ^b	pass		
Cadmium	< LOQ	0.200	mg/kg	0.0897	2210957	12/28/22	AOAC 2013.06 (mod.) ^b	pass		
Lead	< LOQ	0.500	mg/kg	0.0897	2210957	12/28/22	AOAC 2013.06 (mod.) ^b	pass		
Mercury	< LOQ	0.100	mg/kg	0.0449	2210957	12/28/22	AOAC 2013.06 (mod.) ^b	pass		



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These test results are representative of the individual sample selected and submitted by the client.

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