



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



Report Number: 23-000944/D002.R001
Report Date: 01/31/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/23/23 09:43

This is an amended version of report# 23-000944/D002.R000.
 Reason: Updated reporting units.

Customer: Whole Leaf Health, LLC
Product identity: CBDPure 500 Muscle & Joint; Batch 849060
Client/Metric ID: .
Laboratory ID: 23-000944-0001

Summary

Potency:

Analyte per 90g	Result	Limits	Units	Status	
CBC per 90g	5.23		mg/90g		CBD-Total (%) 0.581 %
CBD per 90g	523		mg/90g		
Δ9-THC per 90g	6.94		mg/90g		CBD-Total per 90g 523 mg/90g
					THC-Total (%) 0.00771 %

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 500 Muscle & Joint; Batch 849060

Client/Metric ID: .

Sample Date:

Laboratory ID: 23-000944-0001

Evidence of Cooling: No

Temp: 14.8 °C

Relinquished by: UPS

Serving Size #1: 90 g

Sample Results

Potency per 90g	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2300770	Analyze: 1/25/23 4:23:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 90g	5.23		mg/90g	2.92	
CBC-A per 90g	< LOQ		mg/90g	0.0325	
CBC-Total per 90g	< LOQ		mg/90g	5.49	
CBD per 90g	523		mg/90g	2.92	
CBD-A per 90g	< LOQ		mg/90g	0.0325	
CBD-Total per 90g	523		mg/90g	5.49	
CBDV per 90g	< LOQ		mg/90g	2.92	
CBDV-A per 90g	< LOQ		mg/90g	0.0325	
CBDV-Total per 90g	< LOQ		mg/90g	5.46	
CBE per 90g	< LOQ		mg/90g	0.0325	
CBG per 90g	< LOQ		mg/90g	0.0325	
CBG-A per 90g	< LOQ		mg/90g	0.0325	
CBG-Total per 90g	< LOQ		mg/90g	0.0606	
CBL per 90g	< LOQ		mg/90g	0.0325	
CBL-A per 90g	< LOQ		mg/90g	0.0325	
CBL-Total per 90g	< LOQ		mg/90g	0.0610	
CBN per 90g	< LOQ		mg/90g	0.0325	
CBT per 90g	< LOQ		mg/90g	0.0325	
Δ8-THCV per 90g	< LOQ		mg/90g	0.0325	
Δ10-THC-9R per 90g	< LOQ		mg/90g	0.0325	
Δ10-THC-9S per 90g	< LOQ		mg/90g	0.0325	
Δ8-THC per 90g	< LOQ		mg/90g	0.0325	
Δ9-THC per 90g	6.94		mg/90g	2.92	
exo-THC per 90g	< LOQ		mg/90g	0.0325	
THC-A per 90g	< LOQ		mg/90g	0.0325	
THC-Total per 90g	6.94		mg/90g	5.49	
THCV per 90g	< LOQ		mg/90g	0.0325	
THCV-A per 90g	< LOQ		mg/90g	0.0325	
THCV-Total per 90g	< LOQ		mg/90g	0.0610	
Total Cannabinoids per 90g	537		mg/90g		



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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2300745	01/27/23 AOAC 990.12 (Petrifilm)		
E.coli	< LOQ		cfu/g	10	2300743	01/27/23 AOAC 991.14 (Petrifilm)		
Total Coliforms	< LOQ		cfu/g	10	2300743	01/27/23 AOAC 991.14 (Petrifilm)		
Staphylococcus aureus	< LOQ		cfu/g	10	2300747	01/26/23 AOAC 2003.07		
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2300744	01/28/23 AOAC 2014.05 (RAPID)		
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2300744	01/28/23 AOAC 2014.05 (RAPID)		
E. coli, O157:H7 (by PCR)	Negative		/25g		2300750	01/26/23 AOAC 2019.03		
Listeria spp.	Negative		/25g		2300749	01/26/23 AOAC 2019.10		
Salmonella spp. by PCR	Negative		/25g		2300748	01/26/23 AOAC 2020.02		

Solvents		Method: Residual Solvents by GC/MS				Units µg/g	Batch 2300804	Analyze 01/26/23 11:39 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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Pesticides Method: AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2300826 Analyze 01/27/23 08:12 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		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	0.0764	2300807	01/26/23 AOAC 2013.06 (mod.)	pass	
Cadmium	< LOQ	0.200	mg/kg	0.0764	2300807	01/26/23 AOAC 2013.06 (mod.)	pass	
Lead	< LOQ	0.500	mg/kg	0.0764	2300807	01/26/23 AOAC 2013.06 (mod.)	pass	
Mercury	< LOQ	0.100	mg/kg	0.0382	2300807	01/26/23 AOAC 2013.06 (mod.)	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.

* = TNI accredited analyte.

Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

g = g

µg/g = Microgram per gram

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

mg/90g = Milligram per 90g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager