



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



Report Number: 20-004797/D02.R02
Report Date: 05/27/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/11/20 09:15

This is an amended version of report# 20-004797/D02.R00.
 Reason: Updated report formatting.

Customer: Nutra Pure LLC
Product identity: CBD Pure Muscle & Joint
Client/Metric ID: Batch Code 697595
Laboratory ID: 20-004797-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.279		%		CBD-Total per 90g 251 mg/90g
					THC-Total (%) < 0.0060 %
Analyte per 90g	Result	Limits	Units	Status	
CBD per 90g	251		mg/90g		

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.

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 Columbia Laboratories 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 retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

Report Number: 20-004797/D02.R02
Report Date: 05/27/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/11/20 09:15



Customer: Nutra Pure LLC

Product identity: CBD Pure Muscle & Joint
Client/Metric ID: Batch Code 697595
Sample Date:
Laboratory ID: 20-004797-0001
Relinquished by: UPS
Temp: 23.3 °C

Sample Results

Potency		Method J AOAC 2015 V98-6 (mod)		Batch: 2004050	Analyze: 5/14/20 8:30:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes	
CBC	< LOQ		%	0.0032		
CBC-A†	< LOQ		%	0.0032		
CBC-Total†	< LOQ		%	0.0060		
CBD	0.279		%	0.0032		
CBD-A	< LOQ		%	0.0032		
CBD-Total	0.279		%	0.0060		
CBDV†	< LOQ		%	0.0032		
CBDV-A†	< LOQ		%	0.0032		
CBDV-Total†	< LOQ		%	0.0060		
CBG†	< LOQ		%	0.0032		
CBG-A†	< LOQ		%	0.0032		
CBG-Total	< LOQ		%	0.0060		
CBL†	< LOQ		%	0.0032		
CBN	< LOQ		%	0.0032		
Δ8-THC†	< LOQ		%	0.0032		
Δ9-THC	< LOQ		%	0.0032		
THC-A	< LOQ		%	0.0032		
THC-Total	< LOQ		%	0.0060		
THCV†	< LOQ		%	0.0032		
THCV-A†	< LOQ		%	0.0032		
THCV-Total†	< LOQ		%	0.0060		
Total Cannabinoids†	0.279		%			

Potency per 90g		Method J AOAC 2015 V98-6 (mod)		Batch: 2004050	Analyze: 5/14/20 8:30:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes	
CBC per 90g	< LOQ		mg/90g	2.87		
CBC-A per 90g	< LOQ		mg/90g	2.87		
CBC-Total per 90g	< LOQ		mg/90g	5.39		
CBD per 90g	251		mg/90g	2.87		
CBD-A per 90g	< LOQ		mg/90g	2.87		
CBD-Total per 90g	251		mg/90g	5.39		
CBDV per 90g	< LOQ		mg/90g	2.87		
CBDV-A per 90g	< LOQ		mg/90g	2.87		
CBDV-Total per 90g	< LOQ		mg/90g	5.36		

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 Columbia Laboratories 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 retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

Report Number: 20-004797/D02.R02
Report Date: 05/27/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/11/20 09:15



Potency per 90g **Method** J AOAC 2015 V98-6 (mod) **Batch:** 2004050 **Analyze:** 5/14/20 8:30:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBG per 90g	< LOQ		mg/90g	2.87	
CBG-A per 90g	< LOQ		mg/90g	2.87	
CBG-Total per 90g	< LOQ		mg/90g	5.36	
CBL per 90g	< LOQ		mg/90g	2.87	
CBN per 90g	< LOQ		mg/90g	2.87	
Δ8-THC per 90g	< LOQ		mg/90g	2.87	
Δ9-THC per 90g	< LOQ		mg/90g	2.87	
THC-A per 90g	< LOQ		mg/90g	2.87	
THC-Total per 90g	< LOQ		mg/90g	5.39	
THCV per 90g	< LOQ		mg/90g	2.87	
THCV-A per 90g	< LOQ		mg/90g	2.87	
THCV-Total per 90g	< LOQ		mg/90g	5.39	
Total Cannabinoids 90g[†]	251		mg/90g		

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	2003941	05/13/20	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	2003940	05/13/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2003940	05/13/20	AOAC 991.14 (Petrifilm)	X
Staphylococcus aureus	< LOQ		cfu/g	10	2003945	05/12/20	AOAC 2003.07	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2003937	05/13/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2003937	05/13/20	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative	/10g			2003942	05/12/20	AOAC 2016.01	X
Listeria spp.	Negative	/10g			2003944	05/12/20	AOAC 2016.07	X
E.coli O157:H7	Negative	/10g			2003946	05/12/29	AOAC 2017.01	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 Columbia Laboratories 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 retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

Report Number: 20-004797/D02.R02
Report Date: 05/27/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/11/20 09:15



Solvents		Method EPA5021A				Units µg/g	Batch 2004034	Analyze 05/14/20 08:30 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	< 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	

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 Columbia Laboratories 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 retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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

Report Number: 20-004797/D02.R02
Report Date: 05/27/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/11/20 09:15



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2004008 Analyze 05/13/20 10:31 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	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	0.0371	2004069	05/14/20	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0371	2004069	05/14/20	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0371	2004069	05/14/20	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0185	2004069	05/14/20	AOAC 2013.06 (mod.)	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 Columbia Laboratories 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 retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.



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



Report Number: 20-004797/D02.R02
Report Date: 05/27/2020
ORELAP#: OR100028
Purchase Order:
Received: 05/11/20 09:15

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

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.

† = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram

g = Gram

µg/g = Microgram per gram

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

mg/90g = Milligram per 90g

/10g = Per 10 grams

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager