



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



Report Number: 20-004797/D02.R01
Report Date: 05/21/2020
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 (%) 0.279 %
Analyte per 90g					CBD-Total per 90g 251 mg/90g
CBD per 90g	251		mg/90g		THC-Total (%) < 0.0060 %

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: 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		

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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

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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	

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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		

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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

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