



This is an amended version of report# 19-012814/D11.R00.
Reason: Updated report formatting.

Product identity: 250mg Muscle Rub (I1925 LTOP-05) **Client/Metric ID:** .
Laboratory ID: 19-012814-0001 **Sample Date:**

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.287		%		CBD-Total per 85g 244 mg/85g
Analyte per 85g	Result	Limits	Units	Status	
CBD per 85g	244		mg/85g		THC-Total (%) < LOQ

Residual Solvents:

Analyte	Result (µg/g)	Limits (µg/g)	Status
2-Propanol (IPA)	16600		

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



Customer: Sentia Wellness
PO Box 15309
Portland Oregon 97293
United States

Product identity: 250mg Muscle Rub (I1925 LTOP-05)

Client/Metric ID: .

Sample Date:

Laboratory ID: 19-012814-0001

Relinquished by: Sentia Wellness

Temp: 19.3 °C

Serving Size #1: 85 g

Weight Received: 20 g

Sample Results

Potency		Batch: 1909767					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBC-A†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBC-Total†	< LOQ		%	0.0059	10/29/19	J AOAC 2015 V98-6	
CBD	0.287		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBD-Total	0.287		%	0.0059	10/29/19	J AOAC 2015 V98-6	
CBDV†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBDV-A†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBDV-Total†	< LOQ		%	0.0059	10/29/19	J AOAC 2015 V98-6	
CBG†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBG-A†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBG-Total†	< LOQ		%	0.0059	10/29/19	J AOAC 2015 V98-6	
CBL†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
Δ8-THC†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
THC-Total	<LOQ		%	0.0059	10/29/19	J AOAC 2015 V98-6	
THCV†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
THCV-A†	< LOQ		%	0.0032	10/23/19	J AOAC 2015 V98-6	
THCV-Total†	< LOQ		%	0.0059	10/29/19	J AOAC 2015 V98-6	

Potency per 85g		Batch: 1909767					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 85g†	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBC-A per 85g†	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBC-Total per 85g†	< LOQ		mg/85g	5.32	10/29/19	J AOAC 2015 V98-6	
CBD per 85g	244		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	



Potency per 85g Batch: 1909767

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBD-A per 85g	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBD-Total per 85g	244		mg/85g	5.32	10/29/19	J AOAC 2015 V98-6	
CBDV per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBDV-A per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBDV-Total per 85g [†]	< LOQ		mg/85g	5.29	10/29/19	J AOAC 2015 V98-6	
CBG per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBG-A per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBG-Total per 85g [†]	< LOQ		mg/85g	5.32	10/29/19	J AOAC 2015 V98-6	
CBL per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
CBN per 85g	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
Δ8-THC per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
Δ9-THC per 85g	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
THC-A per 85g	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
THC-Total per 85g	< LOQ		mg/85g	5.32	10/29/19	J AOAC 2015 V98-6	
THCV per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
THCV-A per 85g [†]	< LOQ		mg/85g	2.83	10/29/19	J AOAC 2015 V98-6	
THCV-Total per 85g [†]	< LOQ		mg/85g	5.29	10/29/19	J AOAC 2015 V98-6	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	1909521	10/23/19	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	1909519	10/23/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1909519	10/23/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1909518	10/23/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1909518	10/23/19	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative		/1g		1909499	10/22/19	AOAC 2016.01	X

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Solvents		Method EPA5021A				Units µg/g	Batch 1909739	Analyze 10/29/19 02:08 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1-Butanol [†]	< LOQ		500			1-Pentanol [†]	< LOQ		500		
1,4-Dioxane	< LOQ		100			2-Butanol	< LOQ		200		
2-Ethoxyethanol	< LOQ		30.0			2-methyl-1-propanol [†]	< LOQ		500		
2-Methylbutane	< LOQ		200			2-Methylpentane	< LOQ		30.0		
2-Propanol (IPA)	16600		200		E	2,2-Dimethylbutane	< LOQ		30.0		
2,2-Dimethylpropane	< LOQ		200			2,3-Dimethylbutane	< LOQ		30.0		
3-Methyl-(1)-Butanol [†]	< LOQ		500			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ		200			Acetonitrile	< LOQ		100		
Anisole [†]	< LOQ		500			Benzene	< LOQ		1.00		
Butanes (sum)	< LOQ		400			Butyl acetate [†]	< LOQ		500		
Cyclohexane	< LOQ		200			Ethanol [†]	< LOQ		200		
Ethyl acetate	< LOQ		200			Ethyl benzene	< LOQ		200		
Ethyl ether	< LOQ		200			Ethyl Formate [†]	< LOQ		500		
Ethylene glycol	< LOQ		200			Ethylene oxide	< LOQ		30.0		
Hexanes (sum)	< LOQ		150			Isobutyl acetate [†]	< LOQ		500		
Isopropyl acetate	< LOQ		200			Isopropylbenzene	< LOQ		30.0		
m,p-Xylene	< LOQ		200			Methanol	< LOQ		200		
Methyl-t-butyl ether [†]	< LOQ		500			Methylacetat [†]	< LOQ		500		
Methylene chloride	< LOQ		200			Methylethylketone [†]	< LOQ		500		
Methylisobutylketone [†]	< LOQ		500			Methylpropane	< LOQ		200		
n-Butane	< LOQ		200			n-Heptane	< LOQ		200		
n-Hexane	< LOQ		30.0			n-Pentane	< LOQ		200		
n-Propanol [†]	< LOQ		500			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ		600			Propane	< LOQ		200		
Propyl Acetate [†]	< LOQ		500			Tetrahydrofuran	< LOQ		100		
Toluene	< LOQ		100			Total Residual Solvents	16600		5,000		
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ		600		



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1909632 Analyze 10/24/19 08:40 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	0.0474	1909780	10/28/19	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0474	1909780	10/28/19	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0474	1909780	10/28/19	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0237	1909807	10/29/19	AOAC 2013.06 (mod.)	X		



Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1 [†]	< LOQ		µg/kg	5.00	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Aflatoxin B2 [†]	< LOQ		µg/kg	5.00	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Aflatoxin G1 [†]	< LOQ		µg/kg	5.00	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Aflatoxin G2 [†]	< LOQ		µg/kg	5.00	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Deoxynivalenol [†]	< LOQ		µg/kg	200	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Fumonisin B1 [†]	< LOQ		µg/kg	200	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Fumonisin B2 [†]	< LOQ		µg/kg	400	1909706	10/25/19	AOAC 2007.01 & EN 15662	
HT2-Toxin [†]	< LOQ		µg/kg	40.0	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Nivalenol [†]	< LOQ		µg/kg	400	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Ochratoxin A [†]	< LOQ		µg/kg	5.00	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Ochratoxin B [†]	< LOQ		µg/kg	2.00	1909706	10/25/19	AOAC 2007.01 & EN 15662	
T2-Toxin [†]	< LOQ		µg/kg	20.0	1909706	10/25/19	AOAC 2007.01 & EN 15662	
Zearalenone [†]	< LOQ		µg/kg	200	1909706	10/25/19	AOAC 2007.01 & EN 15662	

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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

µg/kg = Micrograms per kilogram = parts per billion (ppb)

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

mg/85g = Milligram per 85g

/1g = Per 1 gram

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

E: Analyte concentration exceeds the calibration range, results are estimated.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager