



This is an amended version of report# 19-013616/D04.R00.
 Reason: Updated report formatting.

Customer: Sentia Wellness
Product identity: 250mg Muscle Rub I1927 LTOP-05 MID
Client/Metric ID: .
Laboratory ID: 19-013616-0005 **Sample Date:** 11/07/19 11:00

Summary

Potency:

Analyte	Result	Limits	Units	
CBD	0.313		%	CBD-Total (%) 0.313%
				CBD-Total per 85g 266 mg/85g
Analyte per 85g	Result	Limits	Units	
CBD per 85g	266		mg/85g	THC-Total (%) <LOQ

Residual Solvents:

Analyte	Result (µg/g)	Limits (µg/g)	Status
2-Propanol (IPA)	14500		

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 11927 LTOP-05 MID

Client/Metric ID: .

Sample Date: 11/07/19 11:00

Laboratory ID: 19-013616-0005

Relinquished by: Brian Ramos

Temp: 21.8 °C

Serving Size #1: 85 g

Sample Results

Potency		Batch: 1910362					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBC-A†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBC-Total†	< LOQ		%	0.0062	11/15/19	J AOAC 2015 V98-6	
CBD	0.313		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBD-Total	0.313		%	0.0062	11/15/19	J AOAC 2015 V98-6	
CBDV†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBDV-A†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBDV-Total†	< LOQ		%	0.0062	11/15/19	J AOAC 2015 V98-6	
CBG†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBG-A†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBG-Total†	< LOQ		%	0.0062	11/15/19	J AOAC 2015 V98-6	
CBL†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
Δ8-THC†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.0062	11/15/19	J AOAC 2015 V98-6	
THCV†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
THCV-A†	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
THCV-Total†	< LOQ		%	0.0062	11/15/19	J AOAC 2015 V98-6	

Potency per 85g		Batch: 1910362					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 85g†	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBC-A per 85g†	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBC-Total per 85g†	< LOQ		mg/85g	5.32	11/15/19	J AOAC 2015 V98-6	
CBD per 85g	266		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBD-A per 85g	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	



Potency per 85g Batch: 1910362

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBD-Total per 85g	266		mg/85g	5.32	11/15/19	J AOAC 2015 V98-6	
CBDV per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBDV-A per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBDV-Total per 85g [†]	< LOQ		mg/85g	5.29	11/15/19	J AOAC 2015 V98-6	
CBG per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBG-A per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBG-Total per 85g [†]	< LOQ		mg/85g	5.32	11/15/19	J AOAC 2015 V98-6	
CBL per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBN per 85g	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
Δ8-THC per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
Δ9-THC per 85g	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
THC-A per 85g	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
THC-Total per 85g	< LOQ		mg/85g	5.32	11/15/19	J AOAC 2015 V98-6	
THCV per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
THCV-A per 85g [†]	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
THCV-Total per 85g [†]	< LOQ		mg/85g	5.29	11/15/19	J AOAC 2015 V98-6	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aerobic Plate Count	< LOQ		cfu/g	10	1910186	11/10/19	AOAC 990.12 (Petrifilm)	X
E.coli	< LOQ		cfu/g	10	1910184	11/10/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1910184	11/10/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1910185	11/10/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1910185	11/10/19	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative		/10g		1910187	11/09/19	AOAC 2016.01	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 Pixis 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.



Solvents		Method EPA5021A				Units µg/g	Batch 1910402	Analyze 11/14/19 04:59 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ		100			2-Butanol	< LOQ		200		
2-Ethoxyethanol	< LOQ		30.0			2-Methylbutane	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	14500		200	fail	E
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ		200			Acetonitrile	< LOQ		100		
Benzene	< LOQ		1.00			Butanes (sum)	< LOQ		400		
Cyclohexane	< LOQ		200			Ethyl acetate	< LOQ		200		
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ		200		
Ethylene glycol	< LOQ		200			Ethylene oxide	< LOQ		30.0		
Hexanes (sum)	< LOQ		150			Isopropyl acetate	< LOQ		200		
Isopropylbenzene	< LOQ		30.0			m,p-Xylene	< LOQ		200		
Methanol	< LOQ		200			Methylene chloride	< LOQ		200		
Methylpropane	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ		200			n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ		600			Propane	< LOQ		200		
Tetrahydrofuran	< LOQ		100			Toluene	< LOQ		100		
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl	< LOQ		600		



Pesticides											
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	0.0419	1910277	11/11/19	AOAC 2013.06 (mod.)	H, X		
Cadmium	< LOQ		mg/kg	0.0419	1910277	11/11/19	AOAC 2013.06 (mod.)	H, X		
Lead	< LOQ		mg/kg	0.0419	1910277	11/11/19	AOAC 2013.06 (mod.)	H, X		
Mercury	< LOQ		mg/kg	0.0209	1910277	11/11/19	AOAC 2013.06 (mod.)	H, X		

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Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1 [†]	< LOQ		µg/kg	5.00	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Aflatoxin B2 [†]	< LOQ		µg/kg	5.00	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Aflatoxin G1 [†]	< LOQ		µg/kg	5.00	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Aflatoxin G2 [†]	< LOQ		µg/kg	5.00	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Deoxynivalenol [†]	< LOQ		µg/kg	200	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Fumonisin B1 [†]	< LOQ		µg/kg	200	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Fumonisin B2 [†]	< LOQ		µg/kg	400	1910336	11/13/19	AOAC 2007.01 & EN 15662	
HT2-Toxin [†]	< LOQ		µg/kg	40.0	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Nivalenol [†]	< LOQ		µg/kg	400	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Ochratoxin A [†]	< LOQ		µg/kg	5.00	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Ochratoxin B [†]	< LOQ		µg/kg	2.00	1910336	11/13/19	AOAC 2007.01 & EN 15662	
T2-Toxin [†]	< LOQ		µg/kg	20.0	1910336	11/13/19	AOAC 2007.01 & EN 15662	
Zearalenone [†]	< LOQ		µg/kg	200	1910336	11/13/19	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

/10g = Per 10 grams

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

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

H: Holding time was exceeded.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager