



**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	5000	fail

**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 I1927 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 <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBC-A <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBC-Total <sup>†</sup>	< 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 <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBDV-A <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBDV-Total <sup>†</sup>	< LOQ		%	0.0062	11/15/19	J AOAC 2015 V98-6	
CBG <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBG-A <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
CBG-Total <sup>†</sup>	< LOQ		%	0.0062	11/15/19	J AOAC 2015 V98-6	
CBL <sup>†</sup>	< 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 <sup>†</sup>	< 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 <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
THCV-A <sup>†</sup>	< LOQ		%	0.0033	11/09/19	J AOAC 2015 V98-6	
THCV-Total <sup>†</sup>	< 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 <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBC-A per 85g <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBC-Total per 85g <sup>†</sup>	< 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	

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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 <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBDV-A per 85g <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBDV-Total per 85g <sup>†</sup>	< LOQ		mg/85g	5.29	11/15/19	J AOAC 2015 V98-6	
CBG per 85g <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBG-A per 85g <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
CBG-Total per 85g <sup>†</sup>	< LOQ		mg/85g	5.32	11/15/19	J AOAC 2015 V98-6	
CBL per 85g <sup>†</sup>	< 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 <sup>†</sup>	< 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 <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
THCV-A per 85g <sup>†</sup>	< LOQ		mg/85g	2.83	11/15/19	J AOAC 2015 V98-6	
THCV-Total per 85g <sup>†</sup>	< 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

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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	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)	14500	5000	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	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	



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 1910319 Analyze 11/12/19 04:24 PM											
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		



**Mycotoxins**

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