



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



Report Number: 20-013848/D02.R01
Report Date: 12/29/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 10:48

This is an amended version of report# 20-013848/D02.R00.
 Reason: Updated product identity

Customer: Sentia Wellness
Product identity: Muscle Balm Stick Mint SMBS25987
Client/Metric ID: .
Laboratory ID: 20-013848-0001 **Sample Date:** 12/16/20

Summary

Potency:

Analyte per 73.7g	Result	Limits	Units	Status	
CBD per 73.7g	385		mg/73.7g		CBD-Total per 73.7g 385 mg/73.7g
					THC-Total per 73.7g <LOQ
					(Reported in milligrams per serving)

Residual Solvents:

Analyte	Result	Limits	Status
	(µg/g)	(µg/g)	
Ethanol ¹	481		

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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

Report Number: 20-013848/D02.R01
Report Date: 12/29/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 10:48



Customer: Sentia Wellness
 PO Box 5665
 Portland Oregon 97228
 United States

Product identity: Muscle Balm Stick Mint SMBS25987

Client/Metric ID: .

Sample Date: 12/16/20

Laboratory ID: 20-013848-0001

Relinquished by: FEDEX

Temp: 15.2 °C

Serving Size #1: 73.7 g

Sample Results

Potency per 73.7g		Method J AOAC 2015 V98-6 (mod)	Batch: 2010688	Analyze: 12/18/20 6:25:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 73.7g	< LOQ		mg/73.7g	2.37	
CBC-A per 73.7g	< LOQ		mg/73.7g	2.37	
CBC-Total per 73.7g	< LOQ		mg/73.7g	4.45	
CBD per 73.7g	385		mg/73.7g	2.37	
CBD-A per 73.7g	< LOQ		mg/73.7g	2.37	
CBD-Total per 73.7g	385		mg/73.7g	4.45	
CBDV per 73.7g	< LOQ		mg/73.7g	2.37	
CBDV-A per 73.7g	< LOQ		mg/73.7g	2.37	
CBDV-Total per 73.7g	< LOQ		mg/73.7g	4.43	
CBG per 73.7g	< LOQ		mg/73.7g	2.37	
CBG-A per 73.7g	< LOQ		mg/73.7g	2.37	
CBG-Total per 73.7g	< LOQ		mg/73.7g	4.43	
CBL per 73.7g	< LOQ		mg/73.7g	2.37	
CBN per 73.7g	< LOQ		mg/73.7g	2.37	
Δ8-THC per 73.7g	< LOQ		mg/73.7g	2.37	
Δ9-THC per 73.7g	< LOQ		mg/73.7g	2.37	
THC-A per 73.7g	< LOQ		mg/73.7g	2.37	
THC-Total per 73.7g	< LOQ		mg/73.7g	4.45	
THCV per 73.7g	< LOQ		mg/73.7g	2.37	
THCV-A per 73.7g	< LOQ		mg/73.7g	2.37	
THCV-Total per 73.7g	< LOQ		mg/73.7g	4.45	
Total Cannabinoids 73.7g†	385		mg/73.7g		

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2010494	12/19/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2010494	12/19/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2010495	12/19/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2010495	12/19/20	AOAC 2014.05 (RAPID)	X
Salmonella spp.	Negative		/25g		2010497	12/18/20	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 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.

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



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



Report Number: 20-013848/D02.R01
Report Date: 12/29/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 10:48

Solvents						Method EPA5021A		Units µg/g		Batch 2010549		Analyze 12/18/20 10:07 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		Ethanol ¹	481		200						
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											



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

Report Number: 20-013848/D02.R01
Report Date: 12/29/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 10:48



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2010599 Analyze 12/21/20 10:59 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	0.0392	2010629	12/21/20	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.0392	2010629	12/21/20	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.0392	2010629	12/21/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.0196	2010629	12/21/20	AOAC 2013.06 (mod.)	X	



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



Report Number: 20-013848/D02.R01
Report Date: 12/29/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 10:48

Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1†	< LOQ		µg/kg	5.00	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Aflatoxin B2†	< LOQ		µg/kg	5.00	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Aflatoxin G1†	< LOQ		µg/kg	5.00	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Aflatoxin G2†	< LOQ		µg/kg	5.00	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Deoxynivalenol†	< LOQ		µg/kg	200	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Fumonisin B1†	< LOQ		µg/kg	200	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Fumonisin B2†	< LOQ		µg/kg	200	2010645	12/22/20	AOAC 2007.01 & EN 15662	
HT2-Toxin†	< LOQ		µg/kg	40.0	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Nivalenol†	< LOQ		µg/kg	400	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Ochratoxin A†	< LOQ		µg/kg	5.00	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Ochratoxin B†	< LOQ		µg/kg	2.00	2010645	12/22/20	AOAC 2007.01 & EN 15662	
T2-Toxin†	< LOQ		µg/kg	20.0	2010645	12/22/20	AOAC 2007.01 & EN 15662	
Zearalenone†	< LOQ		µg/kg	200	2010645	12/22/20	AOAC 2007.01 & EN 15662	



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



Report Number: 20-013848/D02.R01
Report Date: 12/29/2020
ORELAP#: OR100028
Purchase Order:
Received: 12/16/20 10:48

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

/25g = Per 25g

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/73.7g = Milligram per 73.7g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager