



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



Report Number: 20-002094/D02.R00
Report Date: 02/28/2020
ORELAP#: OR100028
Purchase Order:
Received: 02/21/20 16:33

Customer: Sentia Wellness
Product identity: Volcom Lip Balm B2003
Client/Metric ID: .
Laboratory ID: 20-002094-0001

Sample Date: 02/21/20 15:50

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	0.538		%		CBD-Total per 4.25g 22.9 mg/4.25g
Analyte per 4.25g	Result	Limits	Units	Status	THC-Total per 4.25g <LOQ
CBD per 4.25g	22.9		mg/4.25g		(Reported in milligrams per serving)

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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 PO Box 15309
 Portland Oregon 97293
 United States

Product identity: Volcom Lip Balm B2003

Client/Metric ID: .

Sample Date: 02/21/20 15:50

Laboratory ID: 20-002094-0001

Temp: 21.9 °C

Relinquished by: Sentia Wellness - see COC

Serving Size #1: 4.25 g

Sample Results

Potency		Batch: 2001840					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBC-A†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBC-Total†	< LOQ		%	0.0062	02/27/20	J AOAC 2015 V98-6	
CBD	0.538		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBD-A	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBD-Total	0.538		%	0.0062	02/27/20	J AOAC 2015 V98-6	
CBDV†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBDV-A†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBDV-Total†	< LOQ		%	0.0062	02/27/20	J AOAC 2015 V98-6	
CBG†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBG-A†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBG-Total†	< LOQ		%	0.0062	02/27/20	J AOAC 2015 V98-6	
CBL†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
Δ8-THC†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.0062	02/27/20	J AOAC 2015 V98-6	
THCV†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
THCV-A†	< LOQ		%	0.0033	02/26/20	J AOAC 2015 V98-6	
THCV-Total†	< LOQ		%	0.0062	02/27/20	J AOAC 2015 V98-6	

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Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2001731	02/26/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2001731	02/26/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2001738	02/26/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2001738	02/26/20	AOAC 2014.05 (RAPID)	X

Solvents		Method EPA5021A				Units µg/g	Batch 2001746	Analyze 02/24/20 04:02 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)	< LOQ		200		
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 2001797 Analyze 02/26/20 08:32 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		Paclbutrazole	< 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	0.0490	2001795	02/25/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0490	2001795	02/25/20	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0490	2001795	02/25/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0245	2001795	02/25/20	AOAC 2013.06 (mod.)	X

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Mycotoxins

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Aflatoxin B1 [†]	< LOQ		µg/kg	5.00	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Aflatoxin B2 [†]	< LOQ		µg/kg	5.00	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Aflatoxin G1 [†]	< LOQ		µg/kg	5.00	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Aflatoxin G2 [†]	< LOQ		µg/kg	5.00	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Deoxynivalenol [†]	< LOQ		µg/kg	200	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Fumonisin B1 [†]	< LOQ		µg/kg	200	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Fumonisin B2 [†]	< LOQ		µg/kg	200	2001839	02/26/20	AOAC 2007.01 & EN 15662	
HT2-Toxin [†]	< LOQ		µg/kg	40.0	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Nivalenol [†]	< LOQ		µg/kg	400	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Ochratoxin A [†]	< LOQ		µg/kg	5.00	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Ochratoxin B [†]	< LOQ		µg/kg	2.00	2001839	02/26/20	AOAC 2007.01 & EN 15662	
T2-Toxin [†]	< LOQ		µg/kg	20.0	2001839	02/26/20	AOAC 2007.01 & EN 15662	
Zearalenone [†]	< LOQ		µg/kg	200	2001839	02/26/20	AOAC 2007.01 & EN 15662	

Notes:

2-Propanol (IPA) limit set per Sentia Wellness specifications.

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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/4.25g = Milligram per 4.25g

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager