



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



**Report Number:** 20-001875/D02.R01  
**Report Date:** 03/02/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/20 10:43

This is an amended version of report# 20-001875/D02.R00.  
 Reason: Updated serving size.

**Customer:** Sentia Wellness  
**Product identity:** Volcom 150mg VMS25375 A  
**Client/Metric ID:** .  
**Laboratory ID:** 20-001875-0001 **Sample Date:** 02/17/20 15:00

### Summary

**Potency:**

| Analyte                   | Result        | Limits        | Units        | Status        |                                      |
|---------------------------|---------------|---------------|--------------|---------------|--------------------------------------|
| CBD                       | 0.181         |               | %            |               | CBD-Total per 74.84g 135 mg/74.84g   |
| <b>Analyte per 74.84g</b> | <b>Result</b> | <b>Limits</b> | <b>Units</b> | <b>Status</b> | <b>THC-Total per 74.84g</b> <LOQ     |
| CBD per 74.84g            | 135           |               | mg/74.84g    |               | (Reported in milligrams per serving) |

**Residual Solvents:**

| Analyte              | Result<br>(µg/g) | Limits<br>(µg/g) | Status |
|----------------------|------------------|------------------|--------|
| Ethanol <sup>1</sup> | 1090             |                  |        |

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

**Product identity:** Volcom 150mg VMS25375 A

**Client/Metric ID:** .

**Sample Date:** 02/17/20 15:00

**Laboratory ID:** 20-001875-0001

**Relinquished by:** Received By Mail

**Temp:** 13.7 °C

**Serving Size #1:** 74.84 g

### Sample Results

| Potency     |        | Batch: 2001645 |       |        |          |                   |       |
|-------------|--------|----------------|-------|--------|----------|-------------------|-------|
| Analyte     | Result | Limits         | Units | LOQ    | Analyze  | Method            | Notes |
| CBC†        | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBC-A†      | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBC-Total†  | < LOQ  |                | %     | 0.0062 | 02/24/20 | J AOAC 2015 V98-6 |       |
| CBD         | 0.181  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBD-A       | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBD-Total   | 0.181  |                | %     | 0.0062 | 02/24/20 | J AOAC 2015 V98-6 |       |
| CBDV†       | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBDV-A†     | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBDV-Total† | < LOQ  |                | %     | 0.0061 | 02/24/20 | J AOAC 2015 V98-6 |       |
| CBG†        | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBG-A†      | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBG-Total†  | < LOQ  |                | %     | 0.0061 | 02/24/20 | J AOAC 2015 V98-6 |       |
| CBL†        | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| CBN         | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| Δ8-THC†     | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| Δ9-THC      | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| THC-A       | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| THC-Total   | < LOQ  |                | %     | 0.0062 | 02/24/20 | J AOAC 2015 V98-6 |       |
| THCV†       | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| THCV-A†     | < LOQ  |                | %     | 0.0033 | 02/19/20 | J AOAC 2015 V98-6 |       |
| THCV-Total† | < LOQ  |                | %     | 0.0061 | 02/24/20 | J AOAC 2015 V98-6 |       |

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| Solvents                |        | Method EPA5021A |      |        |       | Units µg/g           | Batch 2001596 | Analyze 02/19/20 10:44 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         |                           | 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   |       | Ethanol <sup>l</sup> | 1090          |                           | 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   |       |                      |               |                           |      |        |       |

| Microbiology            |        |        |       |     |         |          |                         |       |  |
|-------------------------|--------|--------|-------|-----|---------|----------|-------------------------|-------|--|
| Analyte                 | Result | Limits | Units | LOQ | Batch   | Analyze  | Method                  | Notes |  |
| E.coli                  | < LOQ  |        | cfu/g | 10  | 2001583 | 02/21/20 | AOAC 991.14 (Petrifilm) | X     |  |
| Total Coliforms         | < LOQ  |        | cfu/g | 10  | 2001583 | 02/21/20 | AOAC 991.14 (Petrifilm) | X     |  |
| Mold (RAPID Petrifilm)  | < LOQ  |        | cfu/g | 10  | 2001580 | 02/21/20 | AOAC 2014.05 (RAPID)    | X     |  |
| Yeast (RAPID Petrifilm) | < LOQ  |        | cfu/g | 10  | 2001580 | 02/21/20 | AOAC 2014.05 (RAPID)    | X     |  |

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**Pesticides**      **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2001616      **Analyze** 02/19/20 04:07 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   |       | 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 | 0.0483 | 2001745 | 02/24/20 | AOAC 2013.06 (mod.) | X     |
| Cadmium | < LOQ  |        | mg/kg | 0.0483 | 2001745 | 02/24/20 | AOAC 2013.06 (mod.) | X     |
| Lead    | < LOQ  |        | mg/kg | 0.0483 | 2001745 | 02/24/20 | AOAC 2013.06 (mod.) | X     |
| Mercury | < LOQ  |        | mg/kg | 0.0242 | 2001745 | 02/24/20 | AOAC 2013.06 (mod.) | X     |

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**Mycotoxins**

| Analyte                     | Result | Limits | Units | LOQ  | Batch   | Analyze  | Method                  | Notes |
|-----------------------------|--------|--------|-------|------|---------|----------|-------------------------|-------|
| Aflatoxin B1 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Aflatoxin B2 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Aflatoxin G1 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Aflatoxin G2 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Deoxynivalenol <sup>†</sup> | < LOQ  |        | µg/kg | 200  | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Fumonisin B1 <sup>†</sup>   | < LOQ  |        | µg/kg | 200  | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Fumonisin B2 <sup>†</sup>   | < LOQ  |        | µg/kg | 200  | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| HT2-Toxin <sup>†</sup>      | < LOQ  |        | µg/kg | 40.0 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Nivalenol <sup>†</sup>      | < LOQ  |        | µg/kg | 400  | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Ochratoxin A <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Ochratoxin B <sup>†</sup>   | < LOQ  |        | µg/kg | 2.00 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| T2-Toxin <sup>†</sup>       | < LOQ  |        | µg/kg | 20.0 | 2001710 | 02/22/20 | AOAC 2007.01 & EN 15662 |       |
| Zearalenone <sup>†</sup>    | < LOQ  |        | µg/kg | 200  | 2001710 | 02/22/20 | 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/74.84g = Milligram per 74.84g

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager