



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



**Report Number:** 21-003529/D02.R00  
**Report Date:** 04/08/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/01/21 12:13

**Customer:** Sentia Wellness  
**Product identity:** Social Muscle Balm Stick - Mint Lot: SMBS25989  
**Client/Metric ID:** .  
**Laboratory ID:** 21-003529-0001

### Summary

#### Potency:

| Analyte                     | Result        | Limits        | Units        | Status        |                     |
|-----------------------------|---------------|---------------|--------------|---------------|---------------------|
| CBD                         | 0.603         |               | %            |               | CBD-Total (%)       |
| CBDV <sup>†</sup>           | 0.00571       |               | %            |               | 0.603 %             |
| <b>Analyte per 1g</b>       | <b>Result</b> | <b>Limits</b> | <b>Units</b> | <b>Status</b> |                     |
| CBD per 1g                  | 6.03          |               | mg/1g        |               | CBD-Total per 1g    |
| CBDV per 1g <sup>†</sup>    | 0.0571        |               | mg/1g        |               | 6.03 mg/1g          |
| <b>Analyte per 74.8g</b>    | <b>Result</b> | <b>Limits</b> | <b>Units</b> | <b>Status</b> |                     |
| CBD per 74.8g               | 451           |               | mg/74.8g     |               | CBD-Total per 74.8g |
| CBDV per 74.8g <sup>†</sup> | 4.27          |               | mg/74.8g     |               | 451 mg/74.8g        |
|                             |               |               |              |               | THC-Total (%)       |
|                             |               |               |              |               | <LOQ                |

#### Residual Solvents:

| Analyte              | Result | Limits | Status |
|----------------------|--------|--------|--------|
|                      | (µg/g) | (µg/g) |        |
| Ethanol <sup>†</sup> | 386    |        |        |

#### 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 5665  
 Portland Oregon 97228  
 United States of America (USA)

**Product identity:** Social Muscle Balm Stick - Mint Lot: SMBS25989

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-003529-0001

**Evidence of Cooling:** No

**Temp:** 18.8 °C

**Serving Size #1:** 1 g

**Serving Size #2:** 74.8 g

### Sample Results

| Potency     | Method J AOAC 2015 V98-6 (mod) | Units % | Batch: 2103084 | Analyze: 4/6/21 6:00:00 PM |       |
|-------------|--------------------------------|---------|----------------|----------------------------|-------|
| Analyte     | Result                         | Limits  | Units          | LOQ                        | Notes |
| CBC         | < LOQ                          |         | %              | 0.0033                     |       |
| CBC-A†      | < LOQ                          |         | %              | 0.0033                     |       |
| CBC-Total†  | < LOQ                          |         | %              | 0.0061                     |       |
| CBD         | 0.603                          |         | %              | 0.0033                     |       |
| CBD-A       | < LOQ                          |         | %              | 0.0033                     |       |
| CBD-Total   | 0.603                          |         | %              | 0.0061                     |       |
| CBDV†       | 0.00571                        |         | %              | 0.0033                     |       |
| CBDV-A†     | < LOQ                          |         | %              | 0.0033                     |       |
| CBDV-Total† | < LOQ                          |         | %              | 0.0061                     |       |
| CBG†        | < LOQ                          |         | %              | 0.0033                     |       |
| CBG-A†      | < LOQ                          |         | %              | 0.0033                     |       |
| CBG-Total   | < LOQ                          |         | %              | 0.0061                     |       |
| CBL†        | < LOQ                          |         | %              | 0.0033                     |       |
| CBN         | < LOQ                          |         | %              | 0.0033                     |       |
| Δ8-THC†     | < LOQ                          |         | %              | 0.0033                     |       |
| Δ9-THC      | < LOQ                          |         | %              | 0.0033                     |       |
| THC-A       | < LOQ                          |         | %              | 0.0033                     |       |
| THC-Total   | < LOQ                          |         | %              | 0.0061                     |       |
| THCV†       | < LOQ                          |         | %              | 0.0033                     |       |
| THCV-A†     | < LOQ                          |         | %              | 0.0033                     |       |
| THCV-Total† | < LOQ                          |         | %              | 0.0061                     |       |

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**Microbiology**

| Analyte                 | Result   | Limits | Units | LOQ | Batch   | Analyze  | Method                  | Notes |
|-------------------------|----------|--------|-------|-----|---------|----------|-------------------------|-------|
| Aerobic Plate Count     | < LOQ    |        | cfu/g | 10  | 2102917 | 04/04/21 | AOAC 990.12 (Petrifilm) | X     |
| E.coli                  | < LOQ    |        | cfu/g | 10  | 2102914 | 04/04/21 | AOAC 991.14 (Petrifilm) | X     |
| Total Coliforms         | < LOQ    |        | cfu/g | 10  | 2102914 | 04/04/21 | AOAC 991.14 (Petrifilm) | X     |
| Mold (RAPID Petrifilm)  | < LOQ    |        | cfu/g | 10  | 2102915 | 04/04/21 | AOAC 2014.05 (RAPID)    | X     |
| Yeast (RAPID Petrifilm) | < LOQ    |        | cfu/g | 10  | 2102915 | 04/04/21 | AOAC 2014.05 (RAPID)    | X     |
| Salmonella spp. by PCR  | Negative |        | /25g  |     | 2102920 | 04/03/21 | AOAC 2020.02            | X     |

| Solvents                |        | Method Residual Solvents by GC/MS |      |        |       | Units µg/g          | Batch 2102988 | Analyze 04/05/21 10:47 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'            | 386           |                           | 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                              | 20.0 | 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                               | 60.0 | 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 2103021 Analyze 04/06/21 09:21 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 | 0.0433 | 2103018 | 04/05/21 | AOAC 2013.06 (mod.) | X, H  |  |  |
| Cadmium | < LOQ  |        | mg/kg | 0.0433 | 2103018 | 04/05/21 | AOAC 2013.06 (mod.) | X, H  |  |  |
| Lead    | < LOQ  |        | mg/kg | 0.0433 | 2103018 | 04/05/21 | AOAC 2013.06 (mod.) | X, H  |  |  |
| Mercury | < LOQ  |        | mg/kg | 0.0216 | 2103018 | 04/05/21 | AOAC 2013.06 (mod.) | X, H  |  |  |



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**Mycotoxins**

| Analyte                     | Result | Limits | Units | LOQ  | Batch   | Analyze  | Method                  | Notes |
|-----------------------------|--------|--------|-------|------|---------|----------|-------------------------|-------|
| Aflatoxin B1 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Aflatoxin B2 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Aflatoxin G1 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Aflatoxin G2 <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Deoxynivalenol <sup>†</sup> | < LOQ  |        | µg/kg | 200  | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Fumonisin B1 <sup>†</sup>   | < LOQ  |        | µg/kg | 200  | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Fumonisin B2 <sup>†</sup>   | < LOQ  |        | µg/kg | 200  | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| HT2-Toxin <sup>†</sup>      | < LOQ  |        | µg/kg | 40.0 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Nivalenol <sup>†</sup>      | < LOQ  |        | µg/kg | 400  | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Ochratoxin A <sup>†</sup>   | < LOQ  |        | µg/kg | 5.00 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Ochratoxin B <sup>†</sup>   | < LOQ  |        | µg/kg | 2.00 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| T2-Toxin <sup>†</sup>       | < LOQ  |        | µg/kg | 20.0 | 2103068 | 04/07/21 | AOAC 2007.01 & EN 15662 |       |
| Zearalenone <sup>†</sup>    | < LOQ  |        | µg/kg | 200  | 2103068 | 04/07/21 | 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**

/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/1g = Milligram per 1g

mg/74.8g = Milligram per 74.8g

% = Percentage of sample

% wt = µg/g divided by 10,000

**Glossary of Qualifiers**

H: Holding time was exceeded.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner  
General Manager

Co-manufacturer's Contact Information:

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