## CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Salve Stick

PRODUCT STRENGTH: 250 mg
LOT NUMBER: 9340A

BEST BY DATE: 6/6/21

HEMP EXTRACT LOT NUMBER:\* JP090319B7

## \*Click on the links to view third party results!\*

Physical Atttributes

Test	Method	Specification	Results
Color	SOP-100	Off-white, cream color	PASS
Odor	SOP-100	Neutral scent w/hint of hemp oil, sweet beeswax	PASS
Appearance	SOP-100	Firm textured salve in white roll-on container with cap	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and tampe evident label intact	PASS
Secondary Package Eval.	SOP-132	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	SOP-111	237.5-312.5 mg CBD LOQ**: 10 PPM† (0.001%)	258.9 mg	PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)	ND	PASS
FL Compliant Pesticide Panel	SOP-111	Florida State Hemp Program Rule 5B-57.014: Action Limits for Pesticides	ND	PASS
Microbial - Stec E.Coli	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Salmonella	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Aspergillus	SOP-111	Complies with USP 61/62	Below LOQ	PASS
CA Compliant Heavy Metal Panel	SOP-111	Arsenic (As): ≤1.5 PPM Cadmium (Cd): ≤0.5 PPM Mercury (Hg): ≤1.0 PPM Lead (Pb): ≤0.5 PPM	Below LOQ_	PASS
MT Compliant Residual Solvents Panel	SOP-111	Montana Public Health and Human Services Rule 37.107.316	ND	PASS

<sup>\*</sup> Level of Quantitation, † Parts Per Million

Quality Certified by:	Darcie Moran	03.09.2020	
	Darcie Moran	Date	
	Manager of Quality Assurance		



Order #: 46667 Order Name: Salve Stick 9340A Batch#: SV011519 Received: 01/17/2020 Completed: 01/22/2020



#### Sample



N/D D9-THC 1.827% Total CBD

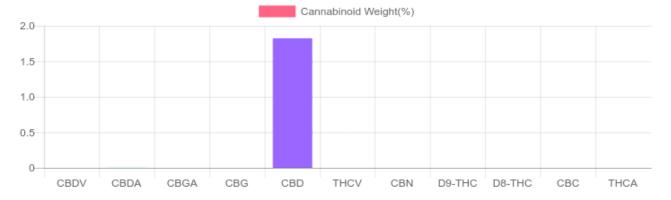
258.9 mg Cannabinoids per bottle 258.9 mg CBD per bottle

1 bottle = 14.17 grams per bottle x Cannabinoid concentration

#### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400	PREPARED: 01/	PREPARED: 01/17/2020 16:11:53		/20/2020 10:20:18
Cannabinoids	LOQ	weight(%)	mg/g	mg/bottle
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	1.824%	18.244	258.5
CBDA	20 PPM	0.003%	0.028	0.4
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		N/D	N/D	N/D
TOTAL CBD*		1.827%	18.269	258.9
TOTAL CANNABINOIDS		1.827%	18.272	258.9



Reporting Limit 10 ppm
\*Total CBD = CBD + CBDA x 0.877
N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

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Order #: 46667 Order Name: Salve Stick 9340A Batch#: SV011519

Batch#: SV011519 Received: 01/17/2020 Completed: 01/22/2020



#### **PESTICIDE ANALYSIS:**

GSL SOP 401 PREPARED: 01/17/2020 18:28:29 UPLOADED: 01/21/2020 10:06:54

GCMS-MS - Shimadzu GCMS-TQ8040

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CHLORFENAPYR	0.010	N/D	0.003	0.001
COUMAPHOS	0.010	N/D	0.003	0.001
CYFLUTHRIN	0.010	N/D	0.003	0.001
CYPERMETHRIN	0.500	N/D	0.003	0.001

Pesticide	Action Level	Results	LOQ	LOD
resticide	(ppm)	(ppm)	(ppm)	(ppm)
FIPRONIL	0.010	N/D	0.003	0.001
FLUDIOXONIL	0.020	N/D	0.003	0.001
PENTACHLORONITROBENZENE	E 0.030	N/D	0.003	0.001

LCMS-MS - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)	Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.020	N/D	0.005	0.001	METALAXYL	0.010	N/D	0.001	0.001
ACEPHATE	0.020	N/D	0.001	0.001	METHIOCARB	0.010	N/D	0.005	0.001
ACEQUINOCYL	0.020	N/D	0.001	0.001	METHOMYL	0.010	N/D	0.001	0.001
ACETAMIPRID	10.000	N/D	0.005	0.001	MEVINPHOS	0.010	N/D	0.001	0.001
ALDICARB	0.010	N/D	0.005	0.001	MYCLOBUTANIL	0.020	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.001	0.001	NALED	0.010	N/D	0.005	0.001
BIFENAZATE	0.010	N/D	0.005	0.001	OXAMYL	0.026	N/D	0.001	0.001
CHLORPYRIFOS	0.020	N/D	0.001	0.001	PACLOBUTRAZOL	0.010	N/D	0.005	0.001
CLOFENTEZINE	0.040	N/D	0.001	0.001	PERMETHRINS	0.020	N/D	0.005	0.001
DAMINOZIDE	0.010	N/D	0.005	0.001	PHOSMET	0.020	N/D	0.005	0.001
DIAZANON	0.010	N/D	0.001	0.001	PIPERONYL	0.000	NVD	0.004	0.004
DICHLORVOS	0.020	N/D	0.005	0.001	BUTOXIDE	3.000	N/D	0.001	0.001
DIMETHOATE	0.010	N/D	0.001	0.001	PRALLETHRIN	0.020	N/D	0.005	0.005
DIMETHOMORPH	0.010	N/D	0.005	0.001	PROPICONAZOLE	0.020	N/D	0.010	0.005
ETHOPROPHOS	0.010	N/D	0.001	0.001	PROPOXUR	0.020	N/D	0.001	0.001
ETOFENPROX	0.010	N/D	0.001	0.001	PYRETHRINS	0.500	NID	0.005	0.005
ETOXAZOLE	0.010	N/D	0.010	0.005	(PYRETHRIN I)	0.500	N/D	0.005	0.005
FENHEXAMID	0.080	N/D	0.005	0.001	PYRIDABEN	0.020	N/D	0.005	0.001
FENOXYCARB	0.010	N/D	0.005	0.001	SPINETORAM	0.040	N/D	0.001	0.001
FENPYROXIMATE	0.100	N/D	0.001	0.001	SPINOSAD	0.000	NID	0.004	0.004
FLONICAMID	0.100	N/D	0.025	0.010	(SPINOSYN A)	0.020	N/D	0.001	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.001	SPINOSAD	0.000	NVD	0.004	0.004
IMAZALIL	0.010	N/D	0.005	0.001	(SPINOSYN D)	0.020	N/D	0.001	0.001
IMIDACLOPRID	0.020	N/D	0.005	0.001	SPIROMESIFEN	0.030	N/D	0.005	0.001
KRESOXIM-METHYL	0.020	N/D	0.010	0.005	SPIROTETRAMAT	0.020	N/D	0.001	0.001
MALATHION	0.010	N/D	0.005	0.001	SPIROXAMINE	0.010	N/D	0.001	0.001
					TEBUCONAZOLE	0.010	N/D	0.005	0.001
					THIACLOPRID	0.010	N/D	0.001	0.001
					THIAMETHOXAM	0.010	N/D	0.001	0.001

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

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0.020

TRIFLOXYSTROBIN





0.001



0.001

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Order #: 46667 Order Name: Salve Stick 9340A Batch#: SV011519 Received: 01/17/2020

Completed: 01/22/2020



#### **Microbial Analysis:**

Microbial Analysis GSL SOP 406

Uploaded: 01/21/2020 20:43:31

PCR - Agilent AriaMX <b>Test</b>	Test Method Used	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
STEC E.COLI*	USP 61/62†	ARIAMX PCR	2 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
SALMONELLA*	USP 61/62†	ARIAMX PCR	5 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
ASPERGILLUS	USP 61/62†	ARIAMX PCR	ASP_LOD***	PRESENCE / ABSENT	BELOW LOD	PASS

<sup>†</sup> USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

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STEC and Salmonella run as Multiplex

<sup>\*\*\*</sup> Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA



Order #: 46667 Order Name: Salve Stick 9340A Batch#: SV011519 Received: 01/17/2020

Completed: 01/22/2020



#### **Heavy Metals Analysis:**

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

Uploaded: 01/17/2020 21:54:15

Metal	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	200	B/LOQ
CADMIUM (CD)	200	B/LOQ
MERCURY (HG)	100	B/LOQ
LEAD (PB)	500	B/LOQ

Lower Limit of Quantitation (LOQ) is 75 ppb

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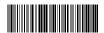






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Report Number: 19-012757/D02.R01

**Report Date:** 11/06/2019 **ORELAP#:** OR100028

**Purchase Order:** 

**Received:** 10/18/19 10:52

This is an amended version of report# 19-012757/D02.R00.

Reason: Updated report formatting.

 Product identity:
 JP090319B7

 Laboratory ID:
 19-012757-0002

Client/Metrc ID: Sample Date:

### **Summary**

#### Potency:

Analyte CBD	<b>Result (%)</b> 81.9			CBD-Total	81.9%
CBDV†	1.86				< 0.177%
			• CBDV	(Reported in percent of total sample)	

#### **Residual Solvents:**

All analytes passing and less than LOQ.

#### Pesticides:

All analytes passing and less than LOQ.

#### **Terpenes:**

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
(-)-Guaiol†	0.619	35.17%	(-)-caryophyllene oxide†	0.511	29.03%
B-Caryophyllene†	0.450	25.57%	Humulene <sup>†</sup>	0.0795	4.52%
Linalool†	0.0594	3.38%	(-)-a-Terpineol <sup>†</sup>	0.0411	2.34%
Total Terpenes <sup>†</sup>	1.76	100.00%			

#### Metals:

Less than LOQ for all analytes.

#### Microbiology:

Less than LOQ for all analytes.





Report Number: 19-012757/D02.R01

**Report Date:** 11/06/2019 **ORELAP#:** OR100028

**Purchase Order:** 

**Received:** 10/18/19 10:52

Customer: My CBD Test

Product identity: JP090319B7

Client/Metrc ID: .

Sample Date:

**Laboratory ID:** 19-012757-0002

**Relinquished by:** UPS **Temp:** 23.4 °C

### **Sample Results**

Potency	Method J AOAC 2	015 V98-6	Units %	Batch 1909717	<b>Analyze</b> 10/22/19 05:04 PM
Analyte	As Dr	•	Notes		
	Received we	eight			
CBC <sup>†</sup>	< LOQ	0.0943			
CBC-A <sup>†</sup>	< LOQ	0.0943			
CBC-Total <sup>†</sup>	< LOQ	0.177			• CBD
CBD	81.9	0.943			
CBD-A	< LOQ	0.0943			• CBDV
CBD-Total	81.9	1.03			
CBDV <sup>†</sup>	1.86	0.0943			
CBDV-A†	< LOQ	0.0943			
CBDV-Total†	1.86	0.176			
CBG <sup>†</sup>	< LOQ	0.0943			
CBG-A <sup>†</sup>	< LOQ	0.0943			
CBG-Total <sup>†</sup>	< LOQ	0.176			
CBL <sup>†</sup>	< LOQ	0.0943			
CBN	< LOQ	0.0943			
$\Delta 8\text{-THC}^{\dagger}$	< LOQ	0.0943			
Δ9-THC	< LOQ	0.0943			
THC-A	< LOQ	0.0943			
THC-Total	< LOQ	0.177			
THCV <sup>†</sup>	< LOQ	0.0943			
THCV-A <sup>†</sup>	< LOQ	0.0943			
THCV-Total†	< LOQ	0.176			

Microbiology									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
E.coli	< LOQ		cfu/g	10	1909486	10/21/19	AOAC 991.14 (Petrifilm)	Χ	
Total Coliforms	< LOQ		cfu/g	10	1909486	10/21/19	AOAC 991.14 (Petrifilm)	Χ	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1909487	10/21/19	AOAC 2014.05 (RAPID)	X	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1909487	10/21/19	AOAC 2014.05 (RAPID)	Χ	





**Report Number:** 19-012757/D02.R01

**Report Date:** 11/06/2019 **ORELAP#:** OR100028

**Purchase Order:** 

Solvents	Method	EPA502	1A			Units μg/g Batch 19	909460	Analyz	e 10/2	23/19 0	2:28 PM
Analyte	Result	Limits	LOQ	Status No	tes	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		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	





Report Number: 19-012757/D02.R01

**Report Date:** 11/06/2019 **ORELAP#:** OR100028

**Purchase Order:** 

Pesticides	Method	AOAC	2007.01 & EN	15662 (mod)	Units mg/kg Batch	1909507	Analy	<b>ze</b> 10/21/19 09:49 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		Flonicamid	< LOQ	1.0	0.400 pass
Fludioxonil	< LOQ	0.40	0.200 pass		Hexythiazox	< LOQ	1.0	0.400 pass
lmazalil	< 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					



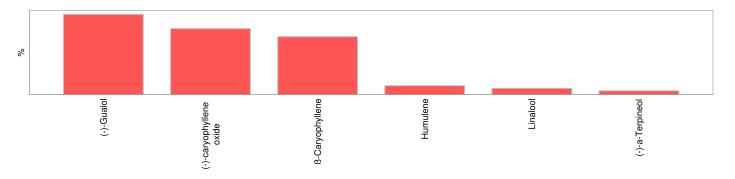


Report Number: 19-012757/D02.R01

**Report Date:** 11/06/2019 **ORELAP#:** OR100028

**Purchase Order:** 

Terpenes	Method	J AOAC	2015 V98-6		(-)-caryophyllene oxide† Humulene† (-)-a-Terpineol† (-)-ß-Pinene†	909461	Analy	<b>ze</b> 10/18/19	12:07 PM
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
(-)-Guaiol†	0.619	0.020	35.17%		(-)-caryophyllene oxide†	0.511	0.020	29.03%	
ß-Caryophyllene <sup>†</sup>	0.450	0.020	25.57%		Humulene <sup>†</sup>	0.0795	0.020	4.52%	
Linalool†	0.0594	0.020	3.38%		(-)-a-Terpineol†	0.0411	0.020	2.34%	
(-)-Isopulegol†	< LOQ	0.020	0.00%		(-)-B-Pinene <sup>†</sup>	< LOQ	0.020	0.00%	
(+)-Borneol <sup>†</sup>	< LOQ	0.020	0.00%		(+)-Cedrol <sup>†</sup>	< LOQ	0.020	0.00%	
(+)-fenchol <sup>†</sup>	< LOQ	0.020	0.00%		(+)-Pulegone <sup>†</sup>	< LOQ	0.020	0.00%	
(±)-Camphor <sup>†</sup>	< LOQ	0.020	0.00%		(±)-cis-NerolidoI <sup>†</sup>	< LOQ	0.020	0.00%	
(±)-fenchone <sup>†</sup>	< LOQ	0.020	0.00%		(±)-trans-Nerolidol†	< LOQ	0.020	0.00%	
(R)-(+)-Limonene <sup>†</sup>	< LOQ	0.020	0.00%		a-Bisabolol†	< LOQ	0.020	0.00%	
a-cedrene†	< LOQ	0.020	0.00%		a-phellandrene†	< LOQ	0.020	0.00%	
a-pinene†	< LOQ	0.020	0.00%		a-Terpinene†	< LOQ	0.020	0.00%	
Camphene <sup>†</sup>	< LOQ	0.020	0.00%		cis-ß-Ocimene†	< LOQ	0.006	0.00%	
d-3-Carene <sup>†</sup>	< LOQ	0.020	0.00%		Eucalyptol <sup>†</sup>	< LOQ	0.020	0.00%	
farnesene†	< LOQ	0.020	0.00%		gamma-Terpinene†	< LOQ	0.020	0.00%	
Geraniol†	< LOQ	0.020	0.00%		Geranyl acetate†	< LOQ	0.020	0.00%	
Isoborneol†	< LOQ	0.020	0.00%		Menthol <sup>†</sup>	< LOQ	0.020	0.00%	
nerol†	< LOQ	0.020	0.00%		p-Cymene <sup>†</sup>	< LOQ	0.020	0.00%	
Sabinene <sup>†</sup>	< LOQ	0.020	0.00%		Sabinene hydrate†	< LOQ	0.020	0.00%	
ß-Myrcene <sup>†</sup>	< LOQ	0.020	0.00%		Terpinolene <sup>†</sup>	< LOQ	0.020	0.00%	
trans-ß-Ocimene†	< LOQ	0.013	0.00%		valencene†	< LOQ	0.020	0.00%	
<b>Total Terpenes</b>	1.76								



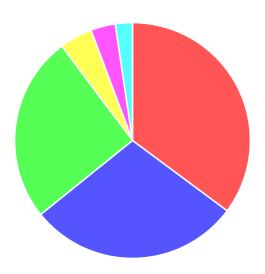


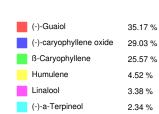


Report Number: 19-012757/D02.R01

**Report Date:** 11/06/2019 **ORELAP#:** OR100028

**Purchase Order:** 





Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	Χ
Cadmium	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	Χ
Lead	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	Χ
Mercury	< LOQ		mg/kg	0.100	1909726	10/25/19	AOAC 2013.06 (mod.)	X





Report Number: 19-012757/D02.R01

**Report Date:** 11/06/2019 **ORELAP#:** OR100028

**Purchase Order:** 

**Received:** 10/18/19 10:52

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

μg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

% wt =  $\mu$ g/g divided by 10,000

#### Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager











https://portal.a2la.org/scopepdf/4961-01.pdf

#### Sample Handling

test ID 13 sample date 2/12/20 2:06 PM order 6562 labID 0BH36 weight

source

Potency

Methods	method	equipment
weights	MSP-7.3.1.3	AUX120.1
potency	MSP-7.5.1.5	LC-2030
terpenes	MSP-7.5.1.7	QP2020/HS20
pesticides	MSP-7.5.1.8	LC-8060
mycotoxins	MSP-7.5.1.8	LC-8060
microbial	MSP-7.5.1.9	Hardy Diag
solvents	MSP-7.5.1.6	QP2020/HS20
metals	MSP-7.5.1.10	ICPMS2030

70

topical



estimated Torpopos es

Terpenes

CBD Salve Stick- HSAL250 9304A

estimated

estimated error

estimated error

potency not tested terpenes not tested / not required

olvents	MT limit	0BH36	LOQ	Pesticides (MT)	MT limit	0BH36	LOQ	Pesticides (other)	0BH36	LOG
propane	5,000	0 ppm	<10ppm							
butanes	5,000	0 ppm	<10ppm							
pentanes	5,000	0 ppm	<10ppm							
hexanes	290	0 ppm	<10ppm							
cyclohexane	3,880	0 ppm	<10ppm							
heptanes	5,000	0 ppm	<10ppm	pesticid	es			not t	ested /	
methanol	3,000	0 ppm	<10ppm	· ·		required	l	not re	equired	
isopropanol	5,000	0 ppm	<10ppm	HOL LESI	eu / Hot	required		11001	Squircu	
acetone	5,000	0 ppm	<10ppm							
ethyl acetate	5,000	0 ppm	<10ppm							
benzene	2	0 ppm	<0.2ppm							
toluene	890	0 ppm	<10ppm							
xylenes	2,170	0 ppm	<10ppm							
chloroform	2	0 ppm	<0.2ppm							
dichloromethane	600	0 ppm	<10ppm							

metals not tested / not required

Microbial

MT limit

0BH36

LOQ

Comments

microbial not tested

Certified by:

Kyle Larson, MSc (Biology) Deputy Director 6073 US93N, Olney MT 59927 406-881-2019 rdb@stwlabs.com

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<sup>•</sup> All testing was completed onsite at 6073 US93N, Olney MT • Potency (cannabinoid concentration) is calcuated from the equation: [cannabioid] = [cannabinoid]\_HPLC x volume\_dilution/Mdy. Terpene concentration is calcuated from the equation: [terpene] = (terpene mass)\_GCMS / mdy. •• Decarboxyted cannabinoid concentration is calculated from the equation XXX\_total = 0.877 x XXXa + XXX ••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; this is combined with error from weighing and dilution using the propagation of error formula  $s_{\rm g}^2 = \sum (\partial f/\partial i)^2 s_{\rm l}^2$  where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration)  $\pm$  to the total contributor of the standard standard from the equation: (concentration)