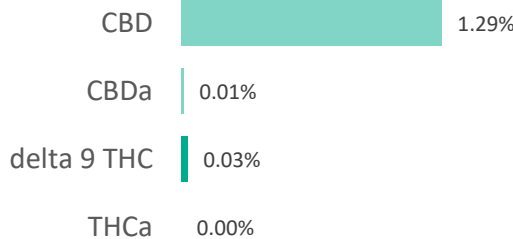
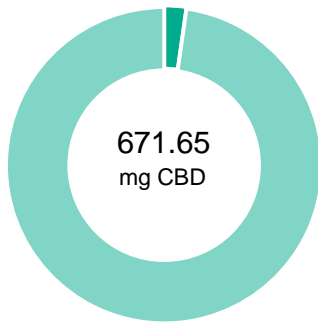


Muscle Relief Cooling Cream

Batch ID:	AG-MRCC-1120	Test ID:	T000109603
Type:	Topical	Submitted:	11/12/2020 @ 01:27 PM
Test:	Potency	Started:	11/16/2020
Method:	TM14	Reported:	11/17/2020

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	9.37	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.59	16.53	0.3
Cannabidiolic acid (CBDA)	2.03	6.19	0.1
Cannabidiol (CBD)	4.34	671.65	12.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	5.01	ND	ND
Cannabinolic Acid (CBNA)	12.99	ND	ND
Cannabinol (CBN)	5.69	ND	ND
Cannabigerolic acid (CBGA)	8.18	ND	ND
Cannabigerol (CBG)	4.58	12.07	0.2
Tetrahydrocannabivarinic Acid (THCVA)	7.98	ND	ND
Tetrahydrocannabivarin (THCV)	4.09	ND	ND
Cannabidivarinic Acid (CBDVA)	1.95	ND	ND
Cannabidivarin (CBDV)	1.05	ND	ND
Cannabichromenic Acid (CBCA)	7.18	ND	ND
Cannabichromene (CBC)	8.31	23.33	0.4
Total Cannabinoids		729.77	14.0
Total Potential THC**		16.53	0.3
Total Potential CBD**		677.08	13.0



NOTES:

of Servings = 1, Sample Weight=52g

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
 * Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
 ** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
 Total THC = THC + (THCa * (0.877)) and
 Total CBD = CBD + (CBDa * (0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

	Taylor Brevik 17-Nov-2020 1:22 PM		Ben Minton 17-Nov-2020 2:13 PM
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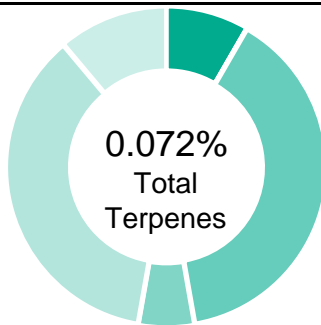
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



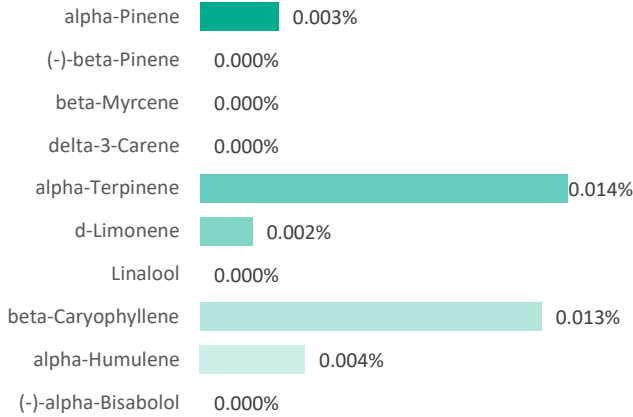
Certificate #4329.02

Muscle Relief Cooling Cream

Batch ID:	AG-MRCC-1120	Test ID:	t000109606
Type:	Topical	Submitted:	11/12/2020 @ 01:27 PM
Test:	Terpenes	Started:	11/18/2020
Method:	TM10	Reported:	11/19/2020

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.000	0
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.013	0.13
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.004	0.04
Eucalyptol	0.005	0.05
Geraniol	0.000	0
alpha-Humulene	0.004	0.04
(-)-Isopulegol	0.000	0
d-Limonene	0.002	0.02
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.003	0.03
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.014	0.14
gamma-Terpinene	0.023	0.23
Terpinolene	0.004	0.04
	0.072%	0.72

PREDOMINANT TERPENES

 NOTES:
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FINAL APPROVAL

 Daniel Weidensaul 19-Nov-2020 6:10 PM	 Ben Minton 19-Nov-2020 6:48 PM
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Certificate #4329.02

Muscle Relief Cooling Cream


Batch ID:	AG-MRCC-1120	Test ID:	T000109607
Type:	Concentrate	Submitted:	11/12/2020 @ 01:27 PM
Test:	Pesticides	Started:	11/12/2020
Method:	TM17	Reported:	11/16/2020

PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	51 - 2540	ND*	Malathion	318 - 2540	ND*
Acetamiprid	43 - 2540	ND*	Metalaxyl	48 - 2540	ND*
Abamectin	>267	ND*	Methiocarb	40 - 2540	ND*
Azoxystrobin	43 - 2540	ND*	Methomyl	50 - 2540	ND*
Bifenazate	48 - 2540	ND*	MGK 264 1	174 - 2540	ND*
Boscalid	25 - 2540	ND*	MGK 264 2	123 - 2540	ND*
Carbaryl	40 - 2540	ND*	Myclobutanil	37 - 2540	ND*
Carbofuran	40 - 2540	ND*	Naled	55 - 2540	ND*
Chlorantraniliprole	47 - 2540	ND*	Oxamyl	43 - 2540	ND*
Chlorpyrifos	42 - 2540	ND*	Paclobutrazol	44 - 2540	ND*
Clofentezine	286 - 2540	ND*	Permethrin	289 - 2540	ND*
Diazinon	328 - 2540	ND*	Phosmet	44 - 2540	ND*
Dichlorvos	>290	ND*	Prophos	295 - 2540	ND*
Dimethoate	42 - 2540	ND*	Propoxur	41 - 2540	ND*
E-Fenpyroximate	246 - 2540	ND*	Pyridaben	292 - 2540	ND*
Etofenprox	42 - 2540	ND*	Spinosad A	29 - 2540	ND*
Etoxazole	293 - 2540	ND*	Spinosad D	79 - 2540	ND*
Fenoxycarb	>36	ND*	Spiromesifen	>275	ND*
Fipronil	59 - 2540	ND*	Spirotetramat	>318	ND*
Flonicamid	49 - 2540	ND*	Spiroxamine 1	17 - 2540	ND*
Fludioxonil	>319	ND*	Spiroxamine 2	21 - 2540	ND*
Hexythiazox	44 - 2540	ND*	Tebuconazole	342 - 2540	ND*
Imazalil	327 - 2540	ND*	Thiacloprid	40 - 2540	ND*
Imidacloprid	41 - 2540	ND*	Thiamethoxam	38 - 2540	ND*
Kresoxim-methyl	47 - 2540	ND*	Trifloxystrobin	44 - 2540	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


Tyler Wiese
16-Nov-2020
6:07 PM



Greg Zimpfer
16-Nov-2020
8:10 PM

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Muscle Relief Cooling Cream

Batch ID:	AG-MRCC-1120	Test ID:	T000109608
Type:	Other	Submitted:	11/12/2020 @ 01:27 PM
Test:	Metals	Started:	11/17/2020
Method:	TM19	Reported:	11/18/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.103 - 10.20	ND
Cadmium	0.105 - 10.50	ND
Mercury	0.102 - 10.20	ND
Lead	0.108 - 10.80	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVALDaniel Weidensaul
18-Nov-2020
4:27 PMGreg Zimpfer
18-Nov-2020
5:05 PM

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Muscle Relief Cooling Cream

Batch ID:	AG-MRCC-1120	Test ID:	T000109605
Type:	Topical	Submitted:	11/12/2020 @ 01:27 PM
Test:	Microbial Contaminants	Started:	11/13/2020
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	11/16/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
STEC and 0157 E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU


NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL
Robert Belfon
16-Nov-2020
2:18 PM
Greg Zimpfer
16-Nov-2020
8:27 PM

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Certificate #4329.03

Muscle Relief Cooling Cream

Batch ID:	AG-MRCC-1120	Test ID:	T000109604
Type:	Topical	Submitted:	11/12/2020 @ 01:27 PM
Test:	Residual Solvents	Started:	11/17/2020
Method:	TM04	Reported:	11/17/2020


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	92 - 1849	*ND
Butanes (Isobutane, n-Butane)	179 - 3587	*ND
Methanol	57 - 1131	*ND
Pentane	90 - 1801	*ND
Ethanol	89 - 1783	*ND
Acetone	89 - 1786	*ND
Isopropyl Alcohol	88 - 1760	*ND
Hexane	6 - 111	*ND
Ethyl Acetate	90 - 1804	*ND
Benzene	0.2 - 3.6	*ND
Heptanes	89 - 1789	*ND
Toluene	15 - 309	*ND
Xylenes (m,p,o-Xylenes)	105 - 2098	*ND


* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL


 Michele Gagnon
 17-Nov-2020
 2:56 PM

PREPARED BY / DATE


 Ben Minton
 17-Nov-2020
 4:02 PM

APPROVED BY / DATE

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