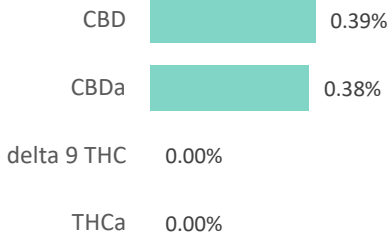
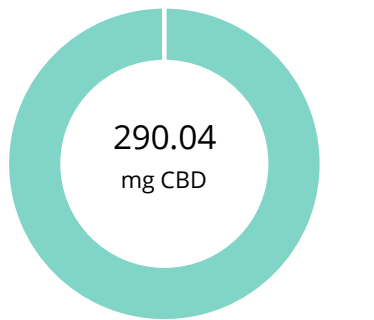


Muscle Relief Rub

Batch ID: 0422-F4	Test ID: T000205710
Type: Unit	Submitted: 05/05/2022 @ 01:53 PM
Test: Potency	Started: 5/9/2022
Method: TM14 (HPLC-DAD)	Reported: 5/13/2022

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	32.94	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	37.17	ND	ND
Cannabidiolic acid (CBDA)	34.89	279.13	3.8
Cannabidiol (CBD)	34.02	290.04	3.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	40.93	ND	ND
Cannabinolic Acid (CBNA)	23.44	ND	ND
Cannabinol (CBN)	10.72	ND	ND
Cannabigerolic acid (CBGA)	34.36	ND	ND
Cannabigerol (CBG)	8.22	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	29.05	ND	ND
Tetrahydrocannabivarin (THCV)	7.48	ND	ND
Cannabidivarinic Acid (CBDVA)	14.56	ND	ND
Cannabidivarin (CBDV)	8.05	ND	ND
Cannabichromenic Acid (CBCA)	13.24	ND	ND
Cannabichromene (CBC)	14.48	ND	ND
Total Cannabinoids		569.17	7.7
Total Potential THC**		ND	ND
Total Potential CBD**		534.84	7.3

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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

NOTES:

of Servings = 1, Sample Weight=73.71g

FINAL APPROVAL

 Kavla Phve
 13-May-2022
 10:30 AM

PREPARED BY / DATE


 Hannah Wright
 13-May-2022
 10:33 AM

APPROVED BY / DATE

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 Rub

Batch ID:	0422-F4	Test ID:	T000205712
Matrix:	Finished Product	Received:	05/05/2022 @ 01:53 PM
Test:	Microbial Contaminants	Started:	5/6/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	5/9/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
STEC	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent

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

Examples: 10² = 100 CFU
10³ = 1,000 CFU
10⁴ = 10,000 CFU
10⁵ = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter


DEFINITIONS:

CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL


Brianne Maillot
5/9/2022
1:49:00 PM

PREPARED BY / DATE


Brett Hudson
5/9/2022
4:36:00 PM

APPROVED BY / DATE

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 4329.03. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.



Certificate #4329.03


Prepared for:

Muscle Relief Rub
GreenWay Tanasi LLC


Batch ID or Lot Number: 0422-F4	Test: Mycotoxins	Reported: 5/11/22	Location: 509 W College St. Murfreesboro, TN 37130
Matrix: Concentrate	Test ID: T000205715	Started: 5/10/22	USDA License: N/A
Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 05/05/2022 @ 01:53 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.1 - 121.5	ND	N/A
Aflatoxin B1	1.3 - 31.5	ND	
Aflatoxin B2	1.4 - 31.5	ND	
Aflatoxin G1	1.4 - 31.1	ND	
Aflatoxin G2	1.5 - 31.2	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


 Ryan Weems
 11-May-22
 2:21 PM

PREPARED BY / DATE


 Sam Smith
 11-May-22
 2:24 PM

APPROVED BY / DATE

Definitions

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

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.



Certificate #4329.02

Prepared for:

Muscle Relief Rub
GreenWay Tanasi LLC

Batch ID or Lot Number: 0422-F4	Test: Pesticides	Reported: 5/12/22	Location: 509 W College St. Murfreesboro, TN 37130
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Matrix: Concentrate	Test ID: T000205711	Started: 5/10/22	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 05/05/2022 @ 01:53 PM	Sampler ID: N/A
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PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	40	ND	Fenoxycarb	43	ND	Paclobutrazol	43	ND
Acetamiprid	40	ND	Fipronil	39	ND	Permethrin	289	ND
Avermectin	262	ND	Flonicamid	49	ND	Phosmet	46	ND
Azoxystrobin	46	ND	Fludioxonil	294	ND	Prophos	288	ND
Bifenazate	44	ND	Hexythiazox	45	ND	Propoxur	44	ND
Boscalid	49	ND	Imazalil	289	ND	Pyridaben	275	ND
Carbaryl	42	ND	Imidacloprid	44	ND	Spinosad A	36	ND
Carbofuran	44	ND	Kresoxim-methyl	150	ND	Spinosad D	48	ND
Chlorantraniliprole	51	ND	Malathion	295	ND	Spiromesifen	267	ND
Chlorpyrifos	500	ND	Metalaxyl	44	ND	Spirotetramat	292	ND
Clofentezine	280	ND	Methiocarb	42	ND	Spiroxamine 1	19	ND
Diazinon	295	ND	Methomyl	40	ND	Spiroxamine 2	25	ND
Dichlorvos	280	ND	MGK 264 1	172	ND	Tebuconazole	291	ND
Dimethoate	42	ND	MGK 264 2	116	ND	Thiacloprid	41	ND
E-Fenpyroximate	290	ND	Myclobutanil	48	ND	Thiamethoxam	42	ND
Etofenprox	43	ND	Naled	49	ND	Trifloxystrobin	44	ND
Etoxazole	288	ND	Oxamyl	1500	ND			


 Daniel Weidensaul
 5/12/2022
 2:01:00 PM


 Sam Smith
 5/12/2022
 2:08:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02


Prepared for:

Muscle Relief Rub
GreenWay Tanasi LLC


Batch ID or Lot Number: 0422-F4	Test: Residual Solvents	Reported: 5/9/22	Location: 509 W College St. Murfreesboro, TN 37130
Matrix: N/A	Test ID: T000205714	Started: 5/9/22	USDA License: N/A
Status: Active	Methods: TM04 (GC-MS): Residual Solvents	Received: 05/05/2022 @ 01:53 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	72 - 1436	*ND	
Butanes (Isobutane, n-Butane)	108 - 2167	*ND	
Methanol	45 - 892	*ND	
Pentane	62 - 1232	*ND	
Ethanol	63 - 1250	*ND	
Acetone	70 - 1393	*ND	
Isopropyl Alcohol	73 - 1451	*ND	
Hexane	4 - 85	*ND	
Ethyl Acetate	72 - 1442	*ND	
Benzene	0.1 - 2.9	*ND	
Heptanes	72 - 1447	*ND	
Toluene	14 - 279	*ND	
Xylenes (m,p,o-Xylenes)	94 - 1883	*ND	


 Jacob Miller
 9-May-22
 5:47 PM

PREPARED BY / DATE


 Daniel Weidensaul
 9-May-22
 5:51 PM

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02

Prepared for:

Muscle Relief Rub
GreenWay Tanasi LLC


Batch ID or Lot Number: 0422-F4	Test: Metals	Reported: 5/12/22	Location: 509 W College St. Murfreesboro, TN 37130
Matrix: Unit	Test ID: T000205713	Started: 5/11/22	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS): Heavy Metals	Received: 05/05/2022 @ 01:53 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.62	ND	
Cadmium	0.046 - 4.65	ND	
Mercury	0.043 - 4.28	ND	
Lead	0.033 - 3.28	ND	


 Kayla Phye
 12-May-22
 2:52 PM

PREPARED BY / DATE


 Sam Smith
 12-May-22
 2:56 PM

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02