

Prepared for:

Pain Relief Body Balm

ASPEN GREEN

Batch ID or Lot Number: 220812C	Test: Potency	Reported: 8/16/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
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Matrix: Unit	Test ID: T000218232	Started: 8/16/22	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis	Received: 08/15/2022 @ 03:26 PM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	6.846	19.705	ND	ND	# of Servings = 1 Sample Weight=49g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	7.726	22.241	31.996	0.65	
Cannabidiolic acid (CBDA)	7.330	22.813	22.772	0.46	
Cannabidiol (CBD)	7.147	22.242	1170.372	23.89	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	8.508	24.489	ND	ND	
Cannabinolic Acid (CBNA)	4.872	14.025	ND	ND	
Cannabinol (CBN)	2.229	6.415	ND	ND	
Cannabigerolic acid (CBGA)	7.141	20.556	ND	ND	
Cannabigerol (CBG)	1.708	4.917	23.223	0.47	
Tetrahydrocannabivarinic Acid (THCVA)	6.038	17.381	ND	ND	
Tetrahydrocannabivarin (THCV)	1.554	4.473	ND	ND	
Cannabidivarinic Acid (CBDVA)	3.058	9.516	ND	ND	
Cannabidivarin (CBDV)	1.690	5.260	8.274	0.17	
Cannabichromenic Acid (CBCA)	2.752	7.922	ND	ND	
Cannabichromene (CBC)	3.009	8.661	62.218	1.27	
Total Cannabinoids			1318.855	26.92	
Total Potential THC**			31.996	0.65	
Total Potential CBD**			1190.343	24.29	

Prepared by: *Sam Smith*
Sam Smith
16-Aug-22
2:59 PM

Approved by: *K Winternheimer*
Karen Winternheimer
16-Aug-22
3:01 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

** 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))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

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CDPHE Certified

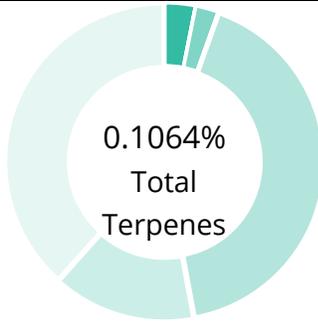


Certificate #4329.02

Pain Relief Body Balm

Batch ID:	220812C	Test ID:	T000218233
Type:	Topical	Submitted:	08/15/2022 @ 03:26 PM
Test:	Terpenes	Started:	8/18/2022
Method:	TM22 (GC-MS)	Reported:	8/19/2022

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0394	0.394
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0427	0.427
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0149	0.149
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0024	0.024
Linalool	0.0000	0.000
beta-Myrcene	0.0032	0.032
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0038	0.038
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
Total	0.1064	1.064

PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0032
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0024
Linalool	0.0000
beta-Caryophyllene	0.0427
alpha-Humulene	0.0149
(-)-alpha-Bisabolol	0.0394

NOTES:

N/A

FINAL APPROVAL


Daniel Weidensaul
19-Aug-2022
2:52 PM


Jacob Miller
19-Aug-2022
2:54 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02

Prepared for:

Pain Relief Body Balm

ASPEN GREEN

Batch ID or Lot Number: 220812C	Test: Pesticides	Reported: 8/18/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: T000218234	Started: 8/17/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 08/15/2022 @ 03:26 PM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	40	ND	Fenoxycarb	41	ND	Paclobutrazol	42	ND
Acetamiprid	40	ND	Fipronil	40	ND	Permethrin	293	ND
Avermectin	#N/A	#N/A	Flonicamid	47	ND	Phosmet	39	ND
Azoxystrobin	41	ND	Fludioxonil	257	ND	Prophos	281	ND
Bifenazate	41	ND	Hexythiazox	40	ND	Propoxur	42	ND
Boscalid	39	ND	Imazalil	274	ND	Pyridaben	295	ND
Carbaryl	39	ND	Imidacloprid	41	ND	Spinosad A	30	ND
Carbofuran	43	ND	Kresoxim-methyl	150	ND	Spinosad D	47	ND
Chlorantraniliprole	38	ND	Malathion	270	ND	Spiromesifen	272	ND
Chlorpyrifos	500	ND	Metalaxyl	44	ND	Spirotetramat	265	ND
Clofentezine	289	ND	Methiocarb	38	ND	Spiroxamine 1	17	ND
Diazinon	290	ND	Methomyl	39	ND	Spiroxamine 2	23	ND
Dichlorvos	277	ND	MGK 264 1	159	ND	Tebuconazole	302	ND
Dimethoate	42	ND	MGK 264 2	113	ND	Thiacloprid	42	ND
E-Fenpyroximate	286	ND	Myclobutanil	44	ND	Thiamethoxam	37	ND
Etofenprox	41	ND	Naled	48	ND	Trifloxystrobin	41	ND
Etoxazole	288	ND	Oxamyl	1500	ND			

Samantha Smith
Sam Smith
8/18/2022
2:14:00 PM

K Winterheimer
Karen Winterheimer
8/18/2022
2:16:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02

Prepared for:

Pain Relief Body Balm
ASPEN GREEN

Batch ID or Lot Number: 220812C	Test: Metals	Reported: 8/23/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Unit Co	Test ID: T000218236	Started: 8/22/22	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS): Heavy Metals	Received: 08/15/2022 @ 03:26 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.56	ND	
Cadmium	0.044 - 4.44	ND	
Mercury	0.045 - 4.49	ND	
Lead	0.044 - 4.39	ND	


 Daniel Weidensaul
 23-Aug-22
 6:50 PM

PREPARED BY / DATE


 Courtney Richards
 23-Aug-22
 8:09 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:

Pain Relief Body Balm

ASPEN GREEN

Batch ID or Lot Number: 220812C	Test: Microbial Contaminants	Reported: 8/22/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Finished Product	Test ID: T000218235	Started: 8/16/22	USDA License: N/A
Status: Active	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	Received: 08/15/2022 @ 03:26 PM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	QUANTITATION RANGE	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	2.0x10 ³ - 3.0x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	2.0x10 ² - 3.0x10 ⁴ CFU/g	None Detected	
STEC	TM-25, PCR	10 ⁰ CFU/25 g	N/A	Absent	
Salmonella	TM-25, PCR	10 ⁰ CFU/25 g	N/A	Absent	


Brett Hudson
8/22/2022
4:23:00 PM


Eden Thompson-Wright
8/22/2022
5:14:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* 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

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CDPHE Certified



Certificate #4329.02

Prepared for:

Pain Relief Body Balm

ASPEN GREEN

Batch ID or Lot Number: 220812C	Test: Residual Solvents	Reported: 8/18/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
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Matrix: N/A	Test ID: T000218237	Started: 8/17/22	USDA License: N/A
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Status: Active	Methods: TM04 (GC-MS): Residual Solvents	Received: 08/15/2022 @ 03:26 PM	Sampler ID: N/A
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RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	86 - 1718	*ND	
Butanes (Isobutane, n-Butane)	178 - 3558	*ND	
Methanol	60 - 1204	*ND	
Pentane	94 - 1875	*ND	
Ethanol	91 - 1817	*ND	
Acetone	99 - 1976	*ND	
Isopropyl Alcohol	102 - 2032	*ND	
Hexane	6 - 119	*ND	
Ethyl Acetate	99 - 1986	*ND	
Benzene	0.2 - 3.9	*ND	
Heptanes	99 - 1976	*ND	
Toluene	18 - 353	*ND	
Xylenes (m,p,o-Xylenes)	131 - 2623	*ND	


 Sam Smith
 18-Aug-22
 6:37 PM


 Daniel Weidensaul
 18-Aug-22
 6:51 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02

Prepared for:

Pain Relief Body Balm

ASPEN GREEN

Batch ID or Lot Number: 220812C	Test: Mycotoxins	Reported: 8/23/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: T000218238	Started: 8/23/22	USDA License: N/A
Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 08/15/2022 @ 03:26 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.8 - 129.5	ND	N/A
Aflatoxin B1	1.7 - 33.3	ND	
Aflatoxin B2	1.3 - 32.5	ND	
Aflatoxin G1	1.3 - 32.4	ND	
Aflatoxin G2	1.1 - 33.1	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Samantha Smith
Sam Smith
23-Aug-22
3:52 PM

PREPARED BY / DATE

Jacob Miller
Jacob Miller
23-Aug-22
3:58 PM

APPROVED BY / DATE

Definitions

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

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