


Prepared for:


Pain Relief Body Balm BATCH
ASPEN GREEN

Batch ID or Lot Number: 210928A	Test: Potency	Reported: 10/6/21	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Unit	Test ID: T000167057	Started: 10/5/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 10/04/2021 @ 12:47 PM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	8.698	22.571	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	9.817	25.475	38.670	0.79	# of Servings = 1 Sample Weight=49g
Cannabidiolic acid (CBDA)	7.048	24.948	8.692*	0.18*	
Cannabidiol (CBD)	6.872	24.324	1131.881	23.10	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	10.809	28.050	ND	ND	
Cannabinolic Acid (CBNA)	6.190	16.064	ND	ND	
Cannabinol (CBN)	2.832	7.348	ND	ND	
Cannabigerolic acid (CBGA)	9.073	23.545	ND	ND	
Cannabigerol (CBG)	2.170	5.632	17.844	0.36	
Tetrahydrocannabivarinic Acid (THCVA)	7.672	19.908	ND	ND	
Tetrahydrocannabivarin (THCV)	1.974	5.123	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.940	10.407	ND	ND	
Cannabidivarin (CBDV)	1.625	5.753	3.723*	0.08*	
Cannabichromenic Acid (CBCA)	3.497	9.073	ND	ND	
Cannabichromene (CBC)	3.823	9.920	46.826	0.96	
Total Cannabinoids			1247.636	25.46	
Total Potential THC**			38.670	0.79	
Total Potential CBD**			1139.504	23.26	


 Hannah Wright
 06-Oct-2021
 01:50 PM


 Ryan Weems
 6-Oct-21
 1:59 PM

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Definitions

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

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** 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)

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.



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Certificate #4329.02


Prepared for:

Pain Relief Body Balm
ASPEN GREEN

Batch ID or Lot Number: 210928A	Test: Pesticides	Reported: 11/5/21	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: T000170478	Started: 11/4/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 10/29/2021 @ 09:07 AM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	46	ND	Fenoxycarb	44	ND	Paclobutrazol	44	ND
Acetamiprid	40	ND	Fipronil	65	ND	Permethrin	296	ND
Avermectin	324	ND	Flonicamid	52	ND	Phosmet	43	ND
Azoxystrobin	44	ND	Fludioxonil	284	ND	Prophos	277	ND
Bifenazate	42	ND	Hexythiazox	40	ND	Propoxur	43	ND
Boscalid	41	ND	Imazalil	276	ND	Pyridaben	289	ND
Carbaryl	40	ND	Imidacloprid	38	ND	Spinosad A	35	ND
Carbofuran	43	ND	Kresoxim-methyl	150	ND	Spinosad D	54	ND
Chlorantraniliprole	51	ND	Malathion	283	ND	Spiromesifen	282	ND
Chlorpyrifos	500	ND	Metalaxyl	45	ND	Spirotetramat	261	ND
Clofentezine	292	ND	Methiocarb	43	ND	Spiroxamine 1	20	ND
Diazinon	275	ND	Methomyl	41	ND	Spiroxamine 2	24	ND
Dichlorvos	284	ND	MGK 264 1	172	ND	Tebuconazole	293	ND
Dimethoate	41	ND	MGK 264 2	123	ND	Thiacloprid	43	ND
E-Fenpyroximate	267	ND	Myclobutanil	39	ND	Thiamethoxam	42	ND
Etofenprox	42	ND	Naled	49	ND	Trifloxystrobin	44	ND
Etoxazole	300	ND	Oxamyl	1500	ND			


 Sam Smith
 11/5/2021
 11:03:00 AM


 Karen Winternheimer
 11/5/2021
 11:06:00 AM

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Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Prepared for:

Pain Relief Body Balm**ASPEN GREEN**

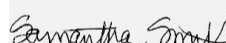
Batch ID or Lot Number: 210928A	Test: Metals	Reported: 11/3/21	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Unit Co	Test ID: T000170479	Started: 11/2/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 10/29/2021 @ 09:07 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.043 - 4.32	ND	
Cadmium	0.044 - 4.40	ND	
Mercury	0.042 - 4.24	ND	
Lead	0.043 - 4.32	ND	


Daniel Weidensaul
3-Nov-21
1:24 PM

PREPARED BY / DATE


Sam Smith
3-Nov-21
1:26 PM

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Definitions

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

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Prepared for:

Pain Relief Body Balm BATCH
ASPEN GREEN

Batch ID or Lot Number: 210928A	Test: Microbial Contaminants	Reported: 10/8/21	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Finished Product	Test ID: T000167058	Started: 10/5/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 10/04/2021 @ 12:47 PM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ² CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ² CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	



 Carly Bader
 10/8/2021
 4:41:00 PM



 Jackson Osaghae-Nosa
 10/8/2021
 4:51:00 PM

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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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ASPEN GREEN

Batch ID or Lot Number: 210928A	Test: Residual Solvents	Reported: 11/1/21	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: N/A	Test ID: t000170480	Started: 11/1/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 10/29/2021 @ 09:07 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	68 - 1350	*ND	
Butanes	139 - 2773	*ND	
(Isobutane, n-Butane)			
Methanol	48 - 963	*ND	
Pentane	72 - 1449	*ND	
Ethanol	75 - 1504	*ND	
Acetone	80 - 1602	*ND	
Isopropyl Alcohol	89 - 1790	*ND	
Hexane	5 - 97	*ND	
Ethyl Acetate	82 - 1635	*ND	
Benzene	0.2 - 3.4	*ND	
Heptanes	78 - 1551	*ND	
Toluene	15 - 301	*ND	
Xylenes	110 - 2200	*ND	
(m,p,o-Xylenes)			


 Hannah Wright
 1-Nov-21
 5:12 PM

PREPARED BY / DATE


 Ryan Weems
 1-Nov-21
 5:16 PM

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Prepared for:

Pain Relief Body Balm**ASPEN GREEN**


Batch ID or Lot Number: 210928A	Test: Mycotoxins	Reported: 11/3/21	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: T000170481	Started: 11/2/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 10/29/2021 @ 09:07 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.2 - 118.8	ND	N/A
Aflatoxin B1	1 - 30.4	ND	
Aflatoxin B2	0.9 - 31.3	ND	
Aflatoxin G1	1.2 - 31	ND	
Aflatoxin G2	1.1 - 28.9	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


Ryan Weems
3-Nov-21
1:10 PM

PREPARED BY / DATE


Sam Smith
3-Nov-21
1:13 PM

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