

Prepared for:

### Body Butter

### Planetarie


Batch ID or Lot Number: <b>0422-SB1</b>	Test: <b>Potency</b>	Reported: <b>4/27/22</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
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Matrix: Unit	Test ID: T000204258	Started: 4/26/22	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis	Received: 04/22/2022 @ 01:19 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)	32.350	68.906	ND	ND	# of Servings = 1 Sample Weight=150.4g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	36.512	77.772	ND	ND	
Cannabidiolic acid (CBDA)	43.954	82.373	944.571	6.28	
Cannabidiol (CBD)	42.855	80.313	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	40.203	85.635	ND	ND	
Cannabinolic Acid (CBNA)	23.024	49.041	ND	ND	
Cannabinol (CBN)	10.531	22.432	ND	ND	
Cannabigerolic acid (CBGA)	33.746	71.880	ND	ND	
Cannabigerol (CBG)	8.072	17.195	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	28.534	60.778	ND	ND	
Tetrahydrocannabivarin (THCV)	7.343	15.640	ND	ND	
Cannabidivarinic Acid (CBDVA)	18.335	34.362	ND	ND	
Cannabidivarin (CBDV)	10.136	18.995	ND	ND	
Cannabichromenic Acid (CBCA)	13.004	27.700	ND	ND	
Cannabichromene (CBC)	14.218	30.284	ND	ND	
<b>Total Cannabinoids</b>			<b>944.571</b>	<b>6.28</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			828.389	5.51	

  
Ryan Weems  
27-Apr-22  
12:38 PM

  
Daniel Weidensaul  
27-Apr-22  
12:41 PM

PREPARED BY / DATE

APPROVED BY / DATE

### 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.



CDPHE Certified



Certificate #4329.02


Prepared for:


**Body Butter**
**Planetarie**

Batch ID or Lot Number: <b>0422-SB1</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>4/28/22</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Finished Product	Test ID: T000204260	Started: 4/25/22	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	Received: 04/22/2022 @ 01:19 PM	Sampler ID: N/A

### MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
<b>Total Aerobic Count*</b>	TM-26, Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>3</sup> CFU/g	1.5x10 <sup>5</sup> CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
<b>Total Coliforms*</b>	TM-27, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>Total Yeast and Mold*</b>	TM-24, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>STEC</b>	TM-25, PCR	10 <sup>0</sup> CFU/25 g	NA	NA	Absent	
<b>Salmonella</b>	TM-25, PCR	10 <sup>0</sup> CFU/25 g	NA	NA	Absent	

  
 Eden Thompson-Wright  
 4/28/2022  
 9:57:00 AM

  
 Carly Bader  
 4/28/2022  
 3:50:00 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: 10<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

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Certificate #4329.02

Prepared for:

**Body Butter**
**Planetarie**

Batch ID or Lot Number: <b>0422-SB1</b>	Test: <b>Mycotoxins</b>	Reported: <b>4/28/22</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Concentrate	Test ID: T000204263	Started: 4/27/22	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 04/22/2022 @ 01:19 PM	Sampler ID: N/A

**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.3 - 131.6	ND	N/A
Aflatoxin B1	1.1 - 35.2	ND	
Aflatoxin B2	1.2 - 34.5	ND	
Aflatoxin G1	1.1 - 34.8	ND	
Aflatoxin G2	1.1 - 34.2	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	



 Sam Smith  
28-Apr-22  
10:35 AM

PREPARED BY / DATE



 Ryan Weems  
28-Apr-22  
10:37 AM

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.



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Prepared for:


**Body Butter**
**Planetarie**

Batch ID or Lot Number: <b>0422-SB1</b>	Test: <b>Pesticides</b>	Reported: <b>4/29/22</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Concentrate	Test ID: T000204259	Started: 4/27/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 04/22/2022 @ 01:19 PM	Sampler ID: N/A

**PESTICIDE DETERMINATION**

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	39	ND	Fenoxycarb	33	ND	Paclobutrazol	43	ND
Acetamiprid	39	ND	Fipronil	32	ND	Permethrin	300	ND
Avermectin	285	ND	Flonicamid	49	ND	Phosmet	44	ND
Azoxystrobin	46	ND	Fludioxonil	297	ND	Prophos	285	ND
Bifenazate	48	ND	Hexythiazox	44	ND	Propoxur	42	ND
Boscalid	47	ND	Imazalil	300	ND	Pyridaben	291	ND
Carbaryl	42	ND	Imidacloprid	40	ND	Spinosad A	35	ND
Carbofuran	45	ND	Kresoxim-methyl	150	ND	Spinosad D	48	ND
Chlorantraniliprole	61	ND	Malathion	282	ND	Spiromesifen	316	ND
Chlorpyrifos	500	ND	Metalaxyl	45	ND	Spirotetramat	248	ND
Clofentezine	246	ND	Methiocarb	42	ND	Spiroxamine 1	19	ND
Diazinon	294	ND	Methomyl	40	ND	Spiroxamine 2	26	ND
Dichlorvos	279	ND	MGK 264 1	173	ND	Tebuconazole	275	ND
Dimethoate	41	ND	MGK 264 2	109	ND	Thiacloprid	42	ND
E-Fenpyroximate	296	ND	Myclobutanil	15	ND	Thiamethoxam	40	ND
Etofenprox	41	ND	Naled	53	ND	Trifloxystrobin	45	ND
Etoxazole	301	ND	Oxamyl	1500	ND			


 Daniel Weidensaul  
 4/29/2022  
 1:18:00 PM


 Karen Winternheimer  
 4/29/2022  
 1:20:00 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 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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Prepared for:


**Body Butter**
**Planetarie**

Batch ID or Lot Number: <b>0422-SB1</b>	Test: <b>Residual Solvents</b>	Reported: <b>4/27/22</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: N/A	Test ID: T000204262	Started: 4/26/22	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 04/22/2022 @ 01:19 PM	Sampler ID: N/A

**RESIDUAL SOLVENTS DETERMINATION**

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Propane</b>	81 - 1618	*ND	
<b>Butanes</b> (Isobutane, n-Butane)	163 - 3259	*ND	
<b>Methanol</b>	56 - 1114	*ND	
<b>Pentane</b>	85 - 1707	*ND	
<b>Ethanol</b>	87 - 1739	*ND	
<b>Acetone</b>	91 - 1828	*ND	
<b>Isopropyl Alcohol</b>	93 - 1865	*ND	
<b>Hexane</b>	6 - 110	*ND	
<b>Ethyl Acetate</b>	90 - 1791	*ND	
<b>Benzene</b>	0.2 - 3.8	*ND	
<b>Heptanes</b>	92 - 1842	*ND	
<b>Toluene</b>	16 - 327	*ND	
<b>Xylenes</b> (m,p,o-Xylenes)	119 - 2375	*ND	


 Daniel Weidensaul  
 27-Apr-22  
 11:19 AM


 Jacob Miller  
 27-Apr-22  
 11:23 AM

PREPARED BY / DATE

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.



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Prepared for:

**Body Butter**
**Planetarie**

Batch ID or Lot Number: <b>0422-SB1</b>	Test: <b>Metals</b>	Reported: <b>4/26/22</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Unit Co	Test ID: T000204261	Started: 4/26/22	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals	Received: 04/22/2022 @ 01:19 PM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.045 - 4.51	ND	
Cadmium	0.044 - 4.41	ND	
Mercury	0.044 - 4.44	ND	
Lead	0.043 - 4.27	ND	


 Sam Smith  
 26-Apr-22  
 3:45 PM

PREPARED BY / DATE


 Daniel Weidensaul  
 26-Apr-22  
 3:48 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

# CERTIFICATE OF ANALYSIS

Prepared for:  
**Planetarie**

600 31ST STREET UNIT B  
EVANS, CO USA 80620

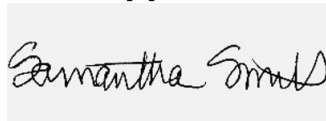
## Planetarie Body Butter

Batch ID or Lot Number: <b>1121-051021-FL49</b>	Test: <b>Potency</b>	Reported: <b>04Mar2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000196085	Started: 03Mar2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 02Mar2022	Status: N/A

### Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.005	0.019	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.017	ND	ND	
Cannabidiol (CBD)	0.017	0.053	ND	ND	
Cannabidiolic Acid (CBDA)	0.017	0.054	0.673	6.73	
Cannabidivarin (CBDV)	0.004	0.012	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.023	0.009*	0.09*	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Cannabigerolic Acid (CBGA)	0.013	0.045	0.017*	0.17*	
Cannabinol (CBN)	0.004	0.014	0.004*	0.04*	
Cannabinolic Acid (CBNA)	0.009	0.031	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.015	0.053	0.047*	0.47*	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.048	0.063	0.63	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.012	0.043	0.117	1.17	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.038	ND	ND	
<b>Total Cannabinoids</b>			<b>0.930</b>	<b>9.30</b>	
Total Potential THC**			0.166	1.66	
Total Potential CBD**			0.590	5.90	

### Final Approval



Sam Smith  
04Mar2022  
12:35:00 PM MST

PREPARED BY / DATE



Karen Winternheimer  
04Mar2022  
12:38:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/61bbb578-ca48-432b-94d2-4ce9b6942056>

#### Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).  
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)).

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Cert #4329.02

CDPHE Certified

61bbb578ca48432b94d24ce9b6942056.1

**CERTIFICATE OF ANALYSIS**

 Prepared for:  
**Planetarie**

 600 31ST STREET UNIT B  
 EVANS, CO USA 80620

**Planetarie Body Butter**

Batch ID or Lot Number: <b>1121-051021-FL49</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>07Mar2022</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000196087	Started: 03Mar2022	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 02Mar2022	Status: N/A

**Microbial**
**Contaminants**

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

**Final Approval**


 Carly Bader  
 06Mar2022  
 12:13:00 PM MST



 Eden Thompson-Wright  
 07Mar2022  
 09:52:00 AM MST


PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/a79fc25f-aba4-4acd-a554-ff7fc8776f15>
**Definitions**

\* 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU  
 CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection  
 ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation  
 STEC = Shiga Toxin-Producing E. coli

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Cert #4329.02

 CDPHE Certified  
 a79fc25faba44acda554ff7fc8776f15.2



# CERTIFICATE OF ANALYSIS

Prepared for:  
**Planetarie**

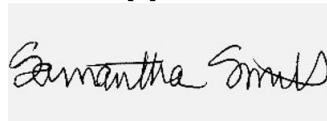
600 31ST STREET UNIT B  
EVANS, CO USA 80620

## Planetarie Body Butter

Batch ID or Lot Number: <b>1121-051021-FL49</b>	Test: <b>Mycotoxins</b>	Reported: <b>09Mar2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000196090	Started: 08Mar2022	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 02Mar2022	Status: N/A

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.66 - 136.84	ND	N/A
Aflatoxin B1	1.01 - 34.97	ND	
Aflatoxin B2	1.08 - 34.61	ND	
Aflatoxin G1	1.04 - 34.45	ND	
Aflatoxin G2	1.27 - 34.02	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

## Final Approval



Sam Smith  
09Mar2022  
11:25:00 AM MST

PREPARED BY / DATE



Ryan Weems  
09Mar2022  
11:28:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/00c3995e-eb8e-48be-9547-9117ccff9917>

### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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.



Cert #4329.02

CDPHE Certified  
00c3995eeb8e48be95479117ccff9917.1

Prepared for:  
**Planetarie**

600 31ST STREET UNIT B  
EVANS, CO USA 80620

## Planetarie Body Butter

Batch ID or Lot Number: <b>1121-051021-FL49</b>	Test: <b>Pesticides</b>	Reported: <b>07Mar2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000196086	Started: 03Mar2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 02Mar2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	289 - 2640	ND	Malathion	281 - 2743	ND
Acephate	46 - 2835	ND	Metalaxyl	47 - 2720	ND
Acetamiprid	36 - 2772	ND	Methiocarb	43 - 2654	ND
Azoxystrobin	46 - 2696	ND	Methomyl	43 - 2776	ND
Bifenazate	42 - 2669	ND	MGK 264 1	181 - 1611	ND
Boscalid	61 - 2650	ND	MGK 264 2	131 - 1090	ND
Carbaryl	40 - 2720	ND	Myclobutanil	42 - 2588	ND
Carbofuran	42 - 2674	ND	Naled	44 - 2738	ND
Chlorantraniliprole	42 - 2669	ND	Oxamyl	45 - 2740	ND
Chlorpyrifos	45 - 2713	ND	Pacllobutrazol	48 - 2614	ND
Clofentezine	296 - 2575	ND	Permethrin	306 - 2736	ND
Diazinon	275 - 2715	ND	Phosmet	46 - 2770	ND
Dichlorvos	281 - 2810	ND	Prophos	257 - 2699	ND
Dimethoate	41 - 2749	ND	Propoxur	41 - 2737	ND
E-Fenpyroximate	291 - 2717	ND	Pyridaben	297 - 2705	ND
Etofenprox	44 - 2713	ND	Spinosad A	32 - 2250	ND
Etoxazole	294 - 2711	ND	Spinosad D	44 - 501	ND
Fenoxycarb	43 - 2725	ND	Spiromesifen	272 - 2768	ND
Fipronil	29 - 2620	ND	Spirotetramat	310 - 2731	ND
Flonicamid	43 - 2678	ND	Spiroxamine 1	16 - 1123	ND
Fludioxonil	290 - 2675	ND	Spiroxamine 2	22 - 1503	ND
Hexythiazox	43 - 2722	ND	Tebuconazole	290 - 2698	ND
Imazalil	254 - 2808	ND	Thiacloprid	37 - 2796	ND
Imidacloprid	48 - 2760	ND	Thiamethoxam	43 - 2752	ND
Kresoxim-methyl	54 - 2787	ND	Trifloxystrobin	44 - 2713	ND

## Final Approval



Daniel Weidensaul  
07Mar2022  
12:19:00 PM MST

PREPARED BY / DATE



Sam Smith  
07Mar2022  
12:22:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/248f5816-524f-4ac2-b9d0-9656b8d12e26>

### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range  
ppb = Parts Per Billion

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Cert #4329.02  
248f5816524f4ac2b9d09656b8d12e26.1

# CERTIFICATE OF ANALYSIS

Prepared for:  
**Planetarie**

600 31ST STREET UNIT B  
EVANS, CO USA 80620

## Planetarie Body Butter

Batch ID or Lot Number: <b>1121-051021-FL49</b>	Test: <b>Residual Solvents</b>	Reported: <b>04Mar2022</b>	USDA License: N/A
Matrix: Topical	Test ID: T000196089	Started: 04Mar2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 02Mar2022	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	79 - 1579	ND	
Butanes (Isobutane, n-Butane)	159 - 3186	ND	
Methanol	47 - 932	ND	
Pentane	83 - 1670	ND	
Ethanol	67 - 1333	ND	
Acetone	82 - 1632	ND	
Isopropyl Alcohol	76 - 1511	ND	
Hexane	6 - 114	ND	
Ethyl Acetate	87 - 1749	ND	
Benzene	0.2 - 3.3	ND	
Heptanes	84 - 1685	ND	
Toluene	13 - 267	ND	
Xylenes (m,p,o-Xylenes)	88 - 1759	ND	

## Final Approval



Hannah Wright  
05Mar2022  
05:23:00 PM MST

PREPARED BY / DATE



Daniel Weidensaul  
05Mar2022  
05:29:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7aedba24-6fc6-4efc-9303-20c43789fc2f>

### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Cert #4329.02

CDPHE Certified  
7aedba246fc64efc930320c43789fc2f.1

# CERTIFICATE OF ANALYSIS

Prepared for:  
**Planetarie**


600 31ST STREET UNIT B  
EVANS, CO USA 80620

## Planetarie Body Butter

Batch ID or Lot Number: <b>1121-051021-FL49</b>	Test: <b>Heavy Metals</b>	Reported: <b>04Mar2022</b>	USDA License: NA
Matrix: Unit Co	Test ID: T000196088	Started: 03Mar2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 02Mar2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.45	ND	
Cadmium	0.04 - 4.40	ND	
Mercury	0.04 - 4.40	ND	
Lead	0.04 - 4.26	ND	

## Final Approval



Ryan Weems  
04Mar2022  
11:35:00 AM MST

PREPARED BY / DATE



Sam Smith  
04Mar2022  
11:38:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/54a588c0-790d-427c-b1ea-e7ea0e151b8b>

### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Cert #4329.02

CDPHE Certified

54a588c0790d427cb1eae7ea0e151b8b.2



Dear Consumer,

In the potency results for Planetarie Body Butter Lot: 0421-3FL49 there was an error made during the testing submission process. The unit size was supposed to read "150.2g" instead of the "105.2g" that was submitted. Due to this, the potency result only shows about 700mg of CBDa in the unit, but fortunately it does show the correct 6.7mg/g of CBDa concentration.

Using the concentration and applying it to the actual weight of the product in the unit:

$$150.2g * 6.7mg/g = \mathbf{1,006.34 \text{ mg CBDa per Unit}}$$

We apologize for the error and possible confusion but please know that both the weight of the CBDa and total weight of the body butter is correct as seen on the label.

Sincerely,

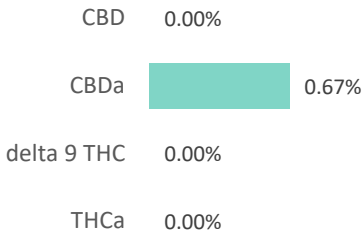
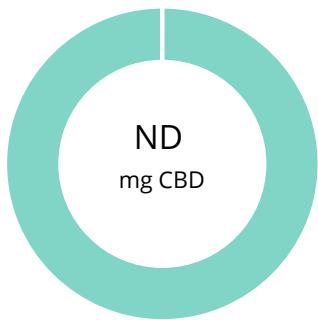
Ethan Stevens

Chemistry Manager, Planetarie

## Body Butter

<b>Batch ID:</b>	0421-3FL49	<b>Test ID:</b>	T000137218
<b>Type:</b>	Unit	<b>Submitted:</b>	04/27/2021 @ 01:11 PM
<b>Test:</b>	Potency	<b>Started:</b>	4/28/2021
<b>Method:</b>	TM14	<b>Reported:</b>	4/30/2021

## CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	53.23	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	60.08	ND	ND
Cannabidiolic acid (CBDA)	53.13	702.68	6.7
Cannabidiol (CBD)	51.80	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8THC)	66.15	ND	ND
Cannabinolic Acid (CBNA)	37.89	ND	ND
Cannabinol (CBN)	17.33	ND	ND
Cannabigerolic acid (CBGA)	55.53	ND	ND
Cannabigerol (CBG)	13.28	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	46.95	ND	ND
Tetrahydrocannabivarin (THCV)	12.08	ND	ND
Cannabidivarinic Acid (CBDVA)	22.16	ND	ND
Cannabidivarin (CBDV)	12.25	ND	ND
Cannabichromenic Acid (CBCA)	21.40	ND	ND
Cannabichromene (CBC)	23.40	ND	ND
<b>Total Cannabinoids</b>		<b>702.68</b>	<b>6.7</b>
Total Potential THC**		ND	ND
Total Potential CBD**		616.25	5.9

## NOTES:

# of Servings = 1, Sample Weight=105.2g

% = % (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)

## FINAL APPROVAL

 Taylor Brevik 30-Apr-2021 3:29 PM	 Daniel Weidensaul 30-Apr-2021 3:31 PM
PREPARED BY / DATE	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

## Body Butter

<b>Batch ID:</b>	0421-3FL49	<b>Test ID:</b>	T000137222
<b>Type:</b>	Topical	<b>Submitted:</b>	04/27/2021 @ 01:11 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	4/28/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	5/1/2021

## MICROBIAL CONTAMINANTS

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

\* 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  
1-May-2021  
7:36 PM

PREPARED BY / DATE

  
Courtney Richards  
1-May-2021  
9:26 PM

APPROVED BY / DATE

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Certificate #4329.03

## Body Butter

<b>Batch ID:</b>	0421-3FL49	<b>Test ID:</b>	T000137219
<b>Type:</b>	Concentrate	<b>Submitted:</b>	04/27/2021 @ 01:11 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	4/29/2021
<b>Method:</b>	TM17	<b>Reported:</b>	5/3/2021


## PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	44 - 2476	ND*	Malathion	275 - 2476	ND*
Acetamiprid	41 - 2476	ND*	Metalaxyl	40 - 2476	ND*
Abamectin	>333	ND*	Methiocarb	39 - 2476	ND*
Azoxystrobin	43 - 2476	ND*	Methomyl	40 - 2476	ND*
Bifenazate	31 - 2476	ND*	MGK 264 1	161 - 2476	ND*
Boscalid	44 - 2476	ND*	MGK 264 2	108 - 2476	ND*
Carbaryl	38 - 2476	ND*	Myclobutanil	41 - 2476	ND*
Carbofuran	41 - 2476	ND*	Naled	44 - 2476	ND*
Chlorantraniliprole	44 - 2476	ND*	Oxamyl	40 - 2476	ND*
Chlorpyrifos	42 - 2476	ND*	Paclobutrazol	44 - 2476	ND*
Clofentezine	269 - 2476	ND*	Permethrin	281 - 2476	ND*
Diazinon	270 - 2476	ND*	Phosmet	41 - 2476	ND*
Dichlorvos	>281	ND*	Prophos	292 - 2476	ND*
Dimethoate	40 - 2476	ND*	Propoxur	40 - 2476	ND*
E-Fenpyroximate	288 - 2476	ND*	Pyridaben	279 - 2476	ND*
Etofenprox	42 - 2476	ND*	Spinosad A	27 - 2476	ND*
Etoxazole	292 - 2476	ND*	Spinosad D	79 - 2476	ND*
Fenoxycarb	>38	ND*	Spiromesifen	>274	ND*
Fipronil	51 - 2476	ND*	Spirotetramat	>274	ND*
Flonicamid	54 - 2476	ND*	Spiroxamine 1	17 - 2476	ND*
Fludioxonil	>311	ND*	Spiroxamine 2	23 - 2476	ND*
Hexythiazox	43 - 2476	ND*	Tebuconazole	266 - 2476	ND*
Imazalil	278 - 2476	ND*	Thiacloprid	41 - 2476	ND*
Imidacloprid	43 - 2476	ND*	Thiamethoxam	43 - 2476	ND*
Kresoxim-methyl	40 - 2476	ND*	Trifloxystrobin	40 - 2476	ND*


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

N/A

## FINAL APPROVAL


 Taylor Brevik  
 3-May-2021  
 4:52 PM

PREPARED BY / DATE


 Tyler Wiese  
 3-May-2021  
 4:57 PM

APPROVED BY / DATE

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## Body Butter

<b>Batch ID:</b>	0421-3FL49	<b>Test ID:</b>	T000137221
<b>Type:</b>	Topical	<b>Submitted:</b>	04/27/2021 @ 01:11 PM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	5/3/2021
<b>Method:</b>	TM04	<b>Reported:</b>	5/3/2021

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	107 - 2132	*ND
<b>Butanes</b> (Isobutane, n-Butane)	200 - 3995	*ND
<b>Methanol</b>	77 - 1539	*ND
<b>Pentane</b>	110 - 2193	*ND
<b>Ethanol</b>	117 - 2347	*ND
<b>Acetone</b>	120 - 2405	*ND
<b>Isopropyl Alcohol</b>	137 - 2737	*ND
<b>Hexane</b>	8 - 152	*ND
<b>Ethyl Acetate</b>	123 - 2462	*ND
<b>Benzene</b>	0.2 - 4.9	*ND
<b>Heptanes</b>	116 - 2330	*ND
<b>Toluene</b>	22 - 442	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	162 - 3242	*ND

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


## NOTES:

N/A

## FINAL APPROVAL

  
Ryan Weems  
3-May-2021  
5:35 PM

PREPARED BY / DATE

  
Daniel Weidensaul  
3-May-2021  
5:37 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 4329.02



Certificate #4329.02

## Body Butter


<b>Batch ID:</b>	0421-3FL49	<b>Test ID:</b>	T000137220
<b>Type:</b>	Other	<b>Submitted:</b>	04/27/2021 @ 01:11 PM
<b>Test:</b>	Metals	<b>Started:</b>	4/30/2021
<b>Method:</b>	TM19	<b>Reported:</b>	5/3/2021

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.048 - 4.78	ND
Cadmium	0.046 - 4.62	ND
Mercury	0.047 - 4.74	ND
Lead	0.047 - 4.68	ND


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

## FINAL APPROVAL



Ryan Weems  
3-May-2021  
11:04 AM

PREPARED BY / DATE



Daniel Weidensaul  
3-May-2021  
11:06 AM

APPROVED BY / DATE

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