

Prepared for:

**Planetarie Liquid Drink Additive**
**Planetarie**


Batch ID or Lot Number: <b>0422-0508192</b>	Test: <b>Potency</b>	Reported: <b>5/3/22</b>	Location: 1070 Diamond Valley Dr. Ste. 200 Windsor, CO 80550
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Matrix: Unit	Test ID: T000205363	Started: 5/3/22	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis	Received: 04/29/2022 @ 01:23 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)	4.683	14.534	15.218	0.49	# of Servings = 1 Sample Weight=31.14g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	5.285	16.404	ND	ND	
Cannabidiolic acid (CBDA)	5.153	17.220	1414.626	45.43	
Cannabidiol (CBD)	5.024	16.789	87.943	2.82	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	5.820	18.062	ND	ND	
Cannabinolic Acid (CBNA)	3.333	10.344	ND	ND	
Cannabinol (CBN)	1.524	4.731	ND	ND	
Cannabigerolic acid (CBGA)	4.885	15.161	23.699	0.76	
Cannabigerol (CBG)	1.169	3.627	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	4.130	12.819	ND	ND	
Tetrahydrocannabivarin (THCV)	1.063	3.299	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.150	7.183	7.733	0.25	
Cannabidivarin (CBDV)	1.188	3.971	ND	ND	
Cannabichromenic Acid (CBCA)	1.882	5.843	19.088	0.61	
Cannabichromene (CBC)	2.058	6.388	ND	ND	
<b>Total Cannabinoids</b>			<b>1568.307</b>	<b>50.36</b>	
Total Potential THC**			13.346	0.43	
Total Potential CBD**			1328.570	42.66	

  
 Sam Smith  
 3-May-22  
 3:11 PM

  
 Hannah Wright  
 3-May-22  
 3:13 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.

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

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

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:

**Planetary Liquid Drink Additive**
**Planetary**

Batch ID or Lot Number: <b>0422-0508192</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>5/5/22</b>	Location: 1070 Diamond Valley Dr. Ste. 200 Windsor, CO 80550
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Matrix: Finished Product	Test ID: T000205365	Started: 5/5/22	USDA License: N/A
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Status: Active	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	Received: 04/29/2022 @ 01:23 PM	Sampler ID: N/A
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**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	



 Carly Bader  
 5/5/2022  
 10:42:00 AM



 Brett Hudson  
 5/5/2022  
 10:45:00 AM

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:

**Planetarie Liquid Drink Additive****Planetarie**

Batch ID or Lot Number: <b>0422-0508192</b>	Test: <b>Mycotoxins</b>	Reported: <b>5/5/22</b>	Location: 1070 Diamond Valley Dr. Ste. 200 Windsor, CO 80550
Matrix: Concentrate	Test ID: T000205368	Started: 5/3/22	USDA License: N/A
Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 04/29/2022 @ 01:23 PM	Sampler ID: N/A

**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.4 - 128.5	ND	N/A
Aflatoxin B1	1.1 - 33	ND	
Aflatoxin B2	1.2 - 32.9	ND	
Aflatoxin G1	1.2 - 32.8	ND	
Aflatoxin G2	1.3 - 33.4	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Hannah Wright  
5-May-22  
7:32 AMSam Smith  
5-May-22  
7:38 AM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

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Prepared for:

**Planetarie Liquid Drink Additive**
**Planetarie**

Batch ID or Lot Number: <b>0422-0508192</b>	Test: <b>Pesticides</b>	Reported: <b>5/5/22</b>	Location: 1070 Diamond Valley Dr. Ste. 200 Windsor, CO 80550
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Matrix: Concentrate	Test ID: T000205364	Started: 5/3/22	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 04/29/2022 @ 01:23 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	43	ND	Fenoxycarb	32	ND	Paclobutrazol	40	ND
Acetamiprid	39	ND	Fipronil	10	ND	Permethrin	281	ND
Avermectin	370	ND	Flonicamid	49	ND	Phosmet	42	ND
Azoxystrobin	50	ND	Fludioxonil	268	ND	Prophos	265	ND
Bifenazate	38	ND	Hexythiazox	46	ND	Propoxur	42	ND
Boscalid	41	ND	Imazalil	273	ND	Pyridaben	298	ND
Carbaryl	39	ND	Imidacloprid	44	ND	Spinosad A	33	ND
Carbofuran	43	ND	Kresoxim-methyl	150	ND	Spinosad D	52	ND
Chlorantraniliprole	57	ND	Malathion	276	ND	Spiromesifen	302	ND
Chlorpyrifos	500	ND	Metalaxyl	43	ND	Spirotetramat	273	ND
Clofentezine	290	ND	Methiocarb	45	ND	Spiroxamine 1	18	ND
Diazinon	266	ND	Methomyl	41	ND	Spiroxamine 2	25	ND
Dichlorvos	279	ND	MGK 264 1	164	ND	Tebuconazole	284	ND
Dimethoate	46	ND	MGK 264 2	115	ND	Thiacloprid	42	ND
E-Fenpyroximate	279	ND	Myclobutanil	35	ND	Thiamethoxam	48	ND
Etofenprox	44	ND	Naled	50	ND	Trifloxystrobin	43	ND
Etoxazole	303	ND	Oxamyl	1500	ND			

*K Winternheimer* Karen Winternheimer  
5/5/2022  
9:21:00 AM

*K Winternheimer* Karen Winternheimer  
5/5/2022  
9:24:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

LOQ = Limit of Quantification  
ppb = Parts per Billion

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Certificate #4329.02


Prepared for:

**Planetary Liquid Drink Additive**
**Planetary**


Batch ID or Lot Number: <b>0422-0508192</b>	Test: <b>Residual Solvents</b>	Reported: <b>5/2/22</b>	Location: 1070 Diamond Valley Dr. Ste. 200 Windsor, CO 80550
Matrix: N/A	Test ID: T000205367	Started: 5/2/22	USDA License: N/A
Status: Active	Methods: TM04 (GC-MS): Residual Solvents	Received: 04/29/2022 @ 01:23 PM	Sampler ID: N/A

**RESIDUAL SOLVENTS DETERMINATION**

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Propane</b>	70 - 1401	*ND	
<b>Butanes</b> (Isobutane, n-Butane)	140 - 2804	*ND	
<b>Methanol</b>	52 - 1036	*ND	
<b>Pentane</b>	74 - 1483	*ND	
<b>Ethanol</b>	81 - 1618	*ND	
<b>Acetone</b>	84 - 1684	*ND	
<b>Isopropyl Alcohol</b>	92 - 1838	*ND	
<b>Hexane</b>	5 - 100	*ND	
<b>Ethyl Acetate</b>	85 - 1691	*ND	
<b>Benzene</b>	0.2 - 3.6	*ND	
<b>Heptanes</b>	83 - 1654	*ND	
<b>Toluene</b>	16 - 312	*ND	
<b>Xylenes</b> (m,p,o-Xylenes)	116 - 2317	*ND	


 Sam Smith  
 2-May-22  
 4:21 PM

PREPARED BY / DATE


 Hannah Wright  
 2-May-22  
 4:23 PM

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02

Prepared for:

**Planetarie Liquid Drink Additive**
**Planetarie**


Batch ID or Lot Number: <b>0422-0508192</b>	Test: <b>Metals</b>	Reported: <b>5/3/22</b>	Location: 1070 Diamond Valley Dr. Ste. 200 Windsor, CO 80550
Matrix: Unit Co	Test ID: T000205366	Started: 5/3/22	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS); Heavy Metals	Received: 04/29/2022 @ 01:23 PM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.043 - 4.30	ND	
Cadmium	0.042 - 4.16	ND	
Mercury	0.057 - 5.73	ND	
Lead	0.041 - 4.07	ND	


 Kayla Phye  
 3-May-22  
 3:43 PM

PREPARED BY / DATE


 Sam Smith  
 3-May-22  
 3:48 PM

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02

Prepared for:

**Drink Additive Liquid**
**Planetarie**


Batch ID or Lot Number: <b>0921-F3</b>	Test: <b>Potency</b>	Reported: <b>9/28/21</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
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Matrix: Unit	Test ID: T000164207	Started: 9/24/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 09/17/2021 @ 12:03 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)	5.229	16.593	26.649	0.86	# of Servings = 1 Sample Weight=31g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	5.902	18.728	ND	ND	
Cannabidiolic acid (CBDA)	6.199	17.392	1371.576	44.24	
Cannabidiol (CBD)	6.044	16.958	112.480	3.63	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	6.499	20.621	ND	ND	
Cannabinolic Acid (CBNA)	3.722	11.809	ND	ND	
Cannabinol (CBN)	1.702	5.402	ND	ND	
Cannabigerolic acid (CBGA)	5.455	17.309	72.765	2.35	
Cannabigerol (CBG)	1.305	4.141	2.872*	0.09*	
Tetrahydrocannabivarinic Acid (THCVA)	4.612	14.636	ND	ND	
Tetrahydrocannabivarin (THCV)	1.187	3.766	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.586	7.255	10.187	0.33	
Cannabidivarin (CBDV)	1.430	4.011	ND	ND	
Cannabichromenic Acid (CBCA)	2.102	6.670	20.348	0.66	
Cannabichromene (CBC)	2.298	7.293	ND	ND	
<b>Total Cannabinoids</b>			<b>1616.877</b>	<b>52.16</b>	
Total Potential THC**			23.371	0.75	
Total Potential CBD**			1315.352	42.43	

  
 Daniel Weidensaul  
 28-Sep-2021  
 11:27 AM

  
 Ryan Weems  
 28-Sep-21  
 11:29 AM

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.

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

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

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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Prepared for:


**Drink Additive Liquid**
**Planetarie**

Batch ID or Lot Number: <b>0921-F3</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>9/23/21</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Finished Product	Test ID: T000164209	Started: 9/20/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 09/17/2021 @ 12:03 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>2</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>2</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>E. coli (STEC)</b>	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
<b>Salmonella</b>	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	

 Brett Hudson  
9/23/2021  
11:38:00 AM

 Tori King  
9/23/2021  
2:30:00 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:

**Drink Additive Liquid**
**Planetarie**


Batch ID or Lot Number: <b>0921-F3</b>	Test: <b>Mycotoxins</b>	Reported: <b>9/27/21</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Concentrate	Test ID: T000164212	Started: 9/24/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 09/17/2021 @ 12:03 PM	Sampler ID: N/A

**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.9 - 125.6	ND	N/A
Aflatoxin B1	1.2 - 32.2	ND	
Aflatoxin B2	1.1 - 31.9	ND	
Aflatoxin G1	0.9 - 30.9	ND	
Aflatoxin G2	1.2 - 31.1	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	

  
 Sam Smith  
 27-Sep-21  
 8:43 AM

PREPARED BY / DATE

  
 Alex Smith  
 27-Sep-21  
 3:02 PM

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02


Prepared for:


**Drink Additive Liquid**
**Planetarie**

Batch ID or Lot Number: <b>0921-F3</b>	Test: <b>Pesticides</b>	Reported: <b>9/24/21</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Concentrate	Test ID: T000164208	Started: 9/22/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 09/17/2021 @ 12:03 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	39	ND	Paclobutrazol	43	ND
Acetamiprid	38	ND	Fipronil	36	ND	Permethrin	263	ND
Avermectin	315	ND	Flonicamid	51	ND	Phosmet	46	ND
Azoxystrobin	47	ND	Fludioxonil	286	ND	Prophos	294	ND
Bifenazate	45	ND	Hexythiazox	40	ND	Propoxur	42	ND
Boscalid	50	ND	Imazalil	269	ND	Pyridaben	283	ND
Carbaryl	40	ND	Imidacloprid	51	ND	Spinosad A	36	ND
Carbofuran	42	ND	Kresoxim-methyl	150	ND	Spinosad D	54	ND
Chlorantraniliprole	56	ND	Malathion	287	ND	Spiromesifen	292	ND
Chlorpyrifos	500	ND	Metalaxyl	43	ND	Spirotetramat	299	ND
Clofentezine	289	ND	Methiocarb	40	ND	Spiroxamine 1	18	ND
Diazinon	290	ND	Methomyl	40	ND	Spiroxamine 2	25	ND
Dichlorvos	286	ND	MGK 264 1	170	ND	Tebuconazole	284	ND
Dimethoate	39	ND	MGK 264 2	118	ND	Thiacloprid	41	ND
E-Fenpyroximate	261	ND	Myclobutanil	44	ND	Thiamethoxam	42	ND
Etofenprox	41	ND	Naled	41	ND	Trifloxystrobin	45	ND
Etoxazole	310	ND	Oxamyl	1500	ND			

  
 Sam Smith  
 9/24/2021  
 4:03:00 PM

  
 Karen Winternheimer  
 9/24/2021  
 4:06:00 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:


**Drink Additive Liquid**


**Planetarie**

Batch ID or Lot Number: <b>0921-F3</b>	Test: <b>Residual Solvents</b>	Reported: <b>9/29/21</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: N/A	Test ID: T000164211	Started: 9/28/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 09/17/2021 @ 12:03 PM	Sampler ID: N/A

**RESIDUAL SOLVENTS DETERMINATION**

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Propane</b>	67 - 1332	*ND	
<b>Butanes</b> (Isobutane, n-Butane)	138 - 2765	*ND	
<b>Methanol</b>	50 - 1002	*ND	
<b>Pentane</b>	72 - 1432	*ND	
<b>Ethanol</b>	76 - 1526	*ND	
<b>Acetone</b>	78 - 1567	*ND	
<b>Isopropyl Alcohol</b>	85 - 1699	*ND	
<b>Hexane</b>	5 - 96	*ND	
<b>Ethyl Acetate</b>	81 - 1610	*ND	
<b>Benzene</b>	0 - 3	*ND	
<b>Heptanes</b>	76 - 1512	*ND	
<b>Toluene</b>	14 - 287	*ND	
<b>Xylenes</b> (m,p,o-Xylenes)	103 - 2063	*ND	

 Hannah Wright  
29-Sep-21  
1:19 PM

 Daniel Weidensaul  
29-Sep-21  
1:46 PM

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.



CDPHE Certified



Certificate #4329.02

Prepared for:


**Drink Additive Liquid**


**Planetarie**

Batch ID or Lot Number: <b>0921-F3</b>	Test: <b>Metals</b>	Reported: <b>9/22/21</b>	Location: 600 31ST STREET UNIT B EVANS, CO 80620
Matrix: Unit Co	Test ID: T000164210	Started: 9/21/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 09/17/2021 @ 12:03 PM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.047 - 4.70	ND	
Cadmium	0.046 - 4.56	ND	
Mercury	0.044 - 4.43	ND	
Lead	0.046 - 4.59	ND	

 Daniel Weidensaul  
22-Sep-21  
2:20 PM

 Ryan Weems  
22-Sep-21  
2:23 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

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CDPHE Certified



Certificate #4329.02



# NORDIC ANALYTICAL

LABORATORIES  
info@nordicanalytic.com  
720-403-8179



Result Group Colorado  
3521 W. Louisiana Ave.  
Denver, CO 80219

**Company Name:** Result Group Colorado  
**Sample Name:** Planetarie LLC-CBDa Instant Drink Additive C3 3.0  
**Sample Batch:**  
**Sample Type:** Tincture  
**Test Type:** Potency  
**Nordic ID:** 259861

**Date Received:** 04/14/2020  
**Date Tested:** 04/15/2020  
**Date Approved:** 04/15/2020  
**License Number:** 403H-80970  
**METRC Tag:** 1A4000712682A2A000004064  
**Seal State:** Intact

## Potency Report

Cannabinoid	Total mg	PASS/FAIL
THC	ND	-
THCA	13.45	-
CBD	606.56	-
CBDA	827.75	-
CBN	ND	-
CBG	ND	-
CBGA	27.37	-
CBC	ND	-
CBDV	ND	-
THCV	ND	-
Total	1475.13	-

ND = Non-Detect  
NR = Non-Reportable Value

### Laboratory Notes:

### Lab Information:

Nordic Analytical Laboratories  
3960 Grape Street, Denver, CO 80207  
www.nordicanalytic.com

**SOP Reference:**  
Nordic SOP 005-001 (sample prep), Nordic SOP 005-002 (analysis)

Aleksey Nikolayev, PhD, Lab Director

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# NORDIC ANALYTICAL

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info@nordicanalytic.com  
720-403-8179



Result Group Colorado  
3521 W. Louisiana Ave.  
Denver, CO 80219

**Company Name:** Result Group Colorado  
**Sample Name:** Planetarie LLC-CBDa Instant Drink Additive C3 3.0  
**Sample Batch:**  
**Sample Type:** Tincture  
**Test Type:** Microbial: Full  
**Nordic ID:** 259881

**Date Received:** 04/14/2020  
**Date Tested:** 04/18/2020  
**Date Approved:** 04/18/2020  
**License Number:** 403H-80970  
**METRC Tag:** 1A4000712682A2A000004064  
**Seal State:** Intact

## Microbial Analysis Results

Test	CFU/gram Count	Limit(CFU/gram)	Pass/Fail
E. Coli*	ND	< 1	PASS
Salmonella*	ND	< 1	PASS
Total Yeast & Mold**	ND	< 10000	PASS

ND = Not Detected  
CFU = Colony Forming Unit  
\*Testing is performed using PCR  
\*\*Testing is performed using plating techniques

**Visual Inspection: PASS**

**Laboratory Notes:**

**SOP Reference:**  
Nordic SOP 004-002, Nordic SOP 004-007, SOP 004-003

**Lab Information:**

Nordic Analytical Laboratories  
3960 Grape Street, Denver, CO 80207  
www.nordicanalytic.com

Aleksey Nikolayev, PhD, Lab Director

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Result Group Colorado  
3521 W. Louisiana Ave.  
Denver, CO 80219

**Company Name:** Result Group Colorado  
**Sample Name:** Planetarie LLC-CBDa Instant Drink Additive C3 3.0  
**Sample Batch:**  
**Sample Type:** Tincture  
**Test Type:** Pesticides  
**Nordic ID:** 259871

**Date Received:** 04/14/2020  
**Date Tested:** 04/17/2020  
**Date Approved:** 04/17/2020  
**License Number:** 403H-80970  
**METRC Tag:** 1A4000712682A2A000004064  
**Seal State:** Intact

## Pesticide Screening Results

Pesticide	Result (ppb)	Limit (ppb)	Pass/Fail
Imidacloprid	ND	20	PASS
Imazalil	ND	40	PASS
Azoxystrobin	ND	20	PASS
Malathion	ND	50	PASS
Myclobutanil	ND	40	PASS
Bifenazate	ND	20	PASS
Spirotetramat	ND	20	PASS
Tebuconazole	ND	10	PASS
Spinosad A	ND	60	PASS
Spinosad D	ND	60	PASS
Etoxazole	ND	10	PASS
Spiromesifen	ND	30	PASS
Abamectins (B1a & B1b)	ND	70	PASS
Permethrins	ND	40	PASS

ND = Non-Detect  
NR = Non-Reportable Value

**Pesticide testing is performed using LC/MS/MS  
ppb (parts per billion) = nanogram/gram**

**Laboratory Notes:**

**Lab Information:**

Nordic Analytical Laboratories  
3960 Grape Street, Denver, CO 80207  
www.nordicanalytic.com

**SOP Reference:**  
Nordic SOP 005-008 (sample prep), Nordic SOP 005-009 (analysis)

Aleksey Nikolayev, PhD, Lab Director

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Result Group Colorado  
3521 W. Louisiana Ave.  
Denver, CO 80219

**Company Name:** Result Group Colorado  
**Sample Name:** Planetarie LLC-CBDa Instant Drink Additive C3 3.0  
**Sample Batch:**  
**Sample Type:** Tincture  
**Test Type:** Residual Solvents (RSA)  
**Nordic ID:** 259866

**Date Received:** 04/14/2020  
**Date Tested:** 04/16/2020  
**Date Approved:** 04/16/2020  
**License Number:** 403H-80970  
**METRC Tag:** 1A4000712682A2A000004064  
**Seal State:** Intact

## Residual Solvent Analysis Results

Solvent	Result(ppm)	Limit(ppm)	Pass/Fail
Butanes	ND	< 1000	PASS
Propane	ND	< 1000	PASS
Methanol	ND	< 600	PASS
Pentane	ND	< 1000	PASS
Ethanol	ND	< 1000	PASS
Acetone	ND	< 1000	PASS
Isopropyl Alcohol	ND	< 1000	PASS
Hexane	ND	< 60	PASS
Ethyl Acetate	ND	< 1000	PASS
Benzene	ND	< 2	PASS
Heptane	ND	< 1000	PASS
Toluene	ND	< 180	PASS
Xylenes	ND	< 430	PASS

ND = Non-Detect  
NR = Non-Reportable Value

**Residual Solvent Analysis is performed by Headspace Gas Chromatography with a Flame Ionization Detector.**

**Laboratory Notes:**

SOP Reference:  
Nordic SOP 005-003

**Lab Information:**

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Aleksey Nikolayev, PhD, Lab Director

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**NORDIC ANALYTICAL**

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720-403-8179

Result Group Colorado  
3521 W. Louisiana Ave.  
Denver, CO 80219

**Company Name:** Result Group Colorado  
**Sample Name:** Planetarie LLC-CBDa Instant Drink Additive C3 3.0  
**Sample Batch:**  
**Sample Type:** Tincture  
**Test Type:** Heavy Metals  
**Nordic ID:** 259876

**Date Received:** 04/14/2020  
**Date Tested:** 04/22/2020  
**Date Approved:** 04/22/2020  
**License Number:** 403H-80970  
**METRC Tag:** 1A4000712682A2A000004064  
**Seal State:** Intact

## Heavy Metals Report

Metal	Result (ppm)	Limit (ppm)	Pass/Fail
Arsenic (As)	ND	1.5	PASS
Cadmium (Cd)	ND	0.5	PASS
Mercury (Hg)	ND	1.5	PASS
Lead (Pb)	NR	1	PASS

ND = Non-Detect

NR = Non-Reportable Value

### Laboratory Notes:

SOP Reference:

Nordic Analytical SOP: 005-012

### Lab Information:

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