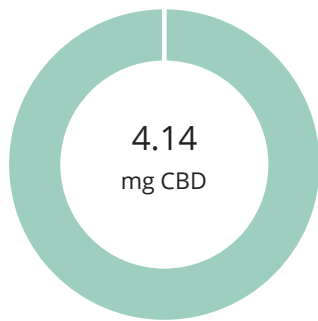


Pump-HRT-113821

Batch ID:	113821	Test ID:	T000142005
Type:	Unit	Submitted:	05/19/2021 @ 03:55 PM
Test:	Potency	Started:	5/20/2021
Method:	TM14	Reported:	5/24/2021

CANNABINOID PROFILE



CBD 0.03%

CBDa 0.00%

delta 9 THC 0.00%

THCa 0.00%

Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.58	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.66	ND	ND
Cannabidiolic acid (CBDA)	0.49	ND	ND
Cannabidiol (CBD)	0.48	4.14	0.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.73	ND	ND
Cannabinolic Acid (CBNA)	0.42	ND	ND
Cannabinol (CBN)	0.19	ND	ND
Cannabigerolic acid (CBGA)	0.61	ND	ND
Cannabigerol (CBG)	0.15	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.51	ND	ND
Tetrahydrocannabivarin (THCV)	0.13	ND	ND
Cannabidivarinic Acid (CBDVA)	0.21	ND	ND
Cannabidivarin (CBDV)	0.11	ND	ND
Cannabichromenic Acid (CBCA)	0.23	ND	ND
Cannabichromene (CBC)	0.26	ND	ND
Total Cannabinoids		4.14	0.3
Total Potential THC**		ND	ND
Total Potential CBD**		4.14	0.3

% = % (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.

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

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

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

NOTES:

of Servings = 1, Sample Weight=11.9166g

FINAL APPROVAL



 Taylor Brevik
24-May-2021
12:22 PM



 Daniel Weidensaul
24-May-2021
12:33 PM

PREPARED BY / DATE

APPROVED BY / DATE

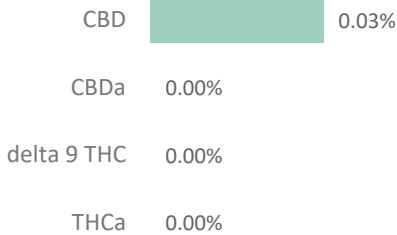
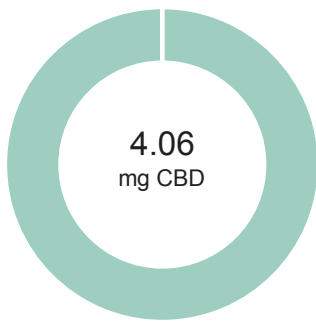
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Certificate #4329.02

pump-hrt-106921

Batch ID:	106921	Test ID:	T000128966
Type:	Unit	Submitted:	03/10/2021 @ 03:34 PM
Test:	Potency	Started:	3/11/2021
Method:	TM14	Reported:	3/16/2021

CANNABINOID PROFILE




Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.54	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.61	ND	ND
Cannabidiolic acid (CBDA)	0.70	ND	ND
Cannabidiol (CBD)	0.68	4.06	0.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.67	ND	ND
Cannabinolic Acid (CBNA)	0.38	ND	ND
Cannabinol (CBN)	0.18	ND	ND
Cannabigerolic acid (CBGA)	0.56	ND	ND
Cannabigerol (CBG)	0.13	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.48	ND	ND
Tetrahydrocannabivarin (THCV)	0.12	ND	ND
Cannabidivarinic Acid (CBDVA)	0.29	ND	ND
Cannabidivarin (CBDV)	0.16	0.19	0.0
Cannabichromenic Acid (CBCA)	0.22	ND	ND
Cannabichromene (CBC)	0.24	ND	ND
Total Cannabinoids		4.25	0.3
Total Potential THC**		ND	ND
Total Potential CBD**		4.06	0.3

% = % (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.
 Total THC = THC + (THCa *(0.877)) and
 Total CBD = CBD + (CBDa *(0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

NOTES:

of Servings = 1, Sample Weight=12.28723g

FINAL APPROVAL

 Daniel Weidensaul 16-Mar-2021 1:59 PM	 Greg Zimpfer 16-Mar-2021 3:19 PM
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PREPARED BY / DATE

APPROVED BY / DATE

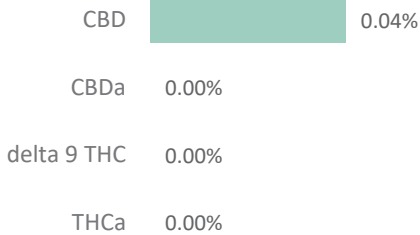
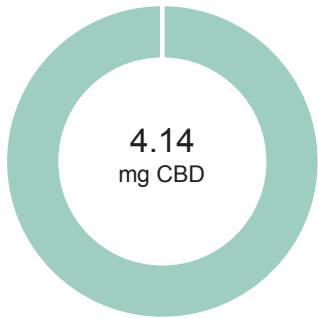
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Certificate #4329.02

pump-circ-107521

Batch ID:	107521	Test ID:	T000130271
Type:	Unit	Submitted:	03/18/2021 @ 12:11 PM
Test:	Potency	Started:	3/19/2021
Method:	TM14	Reported:	3/22/2021

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.49	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.56	ND	ND
Cannabidiolic acid (CBDA)	0.47	ND	ND
Cannabidiol (CBD)	0.46	4.14	0.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.61	ND	ND
Cannabinolic Acid (CBNA)	0.35	ND	ND
Cannabinol (CBN)	0.16	ND	ND
Cannabigerolic acid (CBGA)	0.51	ND	ND
Cannabigerol (CBG)	0.12	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.43	ND	ND
Tetrahydrocannabivarin (THCV)	0.11	ND	ND
Cannabidivarinic Acid (CBDVA)	0.20	ND	ND
Cannabidivarin (CBDV)	0.11	0.20	0.0
Cannabichromenic Acid (CBCA)	0.20	ND	ND
Cannabichromene (CBC)	0.22	ND	ND
Total Cannabinoids		4.34	0.4
Total Potential THC**		ND	ND
Total Potential CBD**		4.14	0.4

% = % (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.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

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

NOTES:

of Servings = 1, Sample Weight=11.09475g

FINAL APPROVAL


 Tyler Wiese
 22-Mar-2021
 3:26 PM



 Ben Minton
 22-Mar-2021
 4:08 PM

PREPARED BY / DATE

APPROVED BY / DATE

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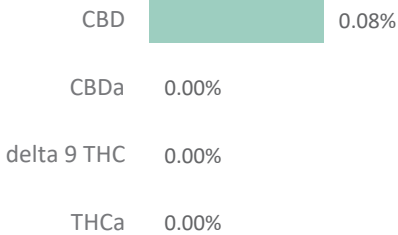
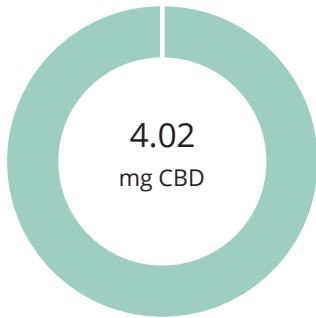


Certificate #4329.02

Pbites-1120221

Batch ID:	1120221	Test ID:	T000153201
Type:	Unit	Submitted:	07/21/2021 @ 04:36 PM
Test:	Potency	Started:	7/23/2021
Method:	TM14 (HPLC-DAD)	Reported:	7/26/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.25	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.28	ND	ND
Cannabidiolic acid (CBDA)	0.23	ND	ND
Cannabidiol (CBD)	0.23	4.02	0.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.31	ND	ND
Cannabinolic Acid (CBNA)	0.18	ND	ND
Cannabinol (CBN)	0.08	ND	ND
Cannabigerolic acid (CBGA)	0.26	ND	ND
Cannabigerol (CBG)	0.06	0.10	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.22	ND	ND
Tetrahydrocannabivarin (THCV)	0.06	ND	ND
Cannabidivarinic Acid (CBDVA)	0.10	ND	ND
Cannabidivarin (CBDV)	0.05	ND	ND
Cannabichromenic Acid (CBCA)	0.10	ND	ND
Cannabichromene (CBC)	0.11	0.25	0.1
Total Cannabinoids		4.37	0.9
Total Potential THC**		ND	ND
Total Potential CBD**		4.02	0.8

NOTES:

of Servings = 1, Sample Weight=4.828g

% = % (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



 Daniel Weidensaul
26-Jul-2021
9:58 AM



 Sam Smith
26-Jul-2021
10:03 AM

PREPARED BY / DATE

APPROVED BY / DATE

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