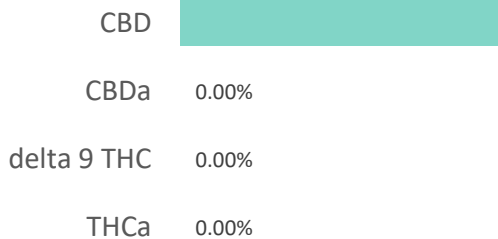


DEFY ZERO Mixed Berry

Batch ID:	20147	Test ID:	4309461.008
Reported:	9-Jun-2020	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.27	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	ND	ND
Cannabidiolic acid (CBDA)	0.10	ND	ND
Cannabidiol (CBD)	0.06	8.90	0.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	ND	ND
Cannabinolic Acid (CBNA)	0.38	ND	ND
Cannabinol (CBN)	0.17	ND	ND
Cannabigerolic acid (CBGA)	0.24	ND	ND
Cannabigerol (CBG)	0.14	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.24	ND	ND
Tetrahydrocannabivarin (THCV)	0.12	ND	ND
Cannabidivarinic Acid (CBDVA)	0.10	ND	ND
Cannabidivarin (CBDV)	0.05	0.10	0.0
Cannabichromenic Acid (CBCA)	0.21	ND	ND
Cannabichromene (CBC)	0.25	0.30	0.0
Total Cannabinoids		9.30	0.02
Total Potential THC**		ND	ND
Total Potential CBD**		8.90	0.02

NOTES:


of Servings = 1, Sample Weight=473g

N/A


% = % (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)

FINAL APPROVAL


Ryan Weems
9-Jun-2020
3:51 PM



Ben Minton
9-Jun-2020
5:33 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

DEFY ZERO Mixed Berry

Batch ID:	20147	Test ID:	6366377.0020
Reported:	1-Jun-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	54 - 2489	ND*	Malathion	323 - 2489	ND*
Acetamiprid	54 - 2489	ND*	Metalaxyl	54 - 2489	ND*
Abamectin	>323	ND*	Methiocarb	54 - 2489	ND*
Azoxystrobin	54 - 2489	ND*	Methomyl	54 - 2489	ND*
Bifenazate	54 - 2489	ND*	MGK 264 1	323 - 2489	ND*
Boscalid	54 - 2489	ND*	MGK 264 2	323 - 2489	ND*
Carbaryl	54 - 2489	ND*	Myclobutanil	54 - 2489	ND*
Carbofuran	54 - 2489	ND*	Naled	54 - 2489	ND*
Chlorantraniliprole	54 - 2489	ND*	Oxamyl	54 - 2489	ND*
Chlorpyrifos	54 - 2489	ND*	Paclobutrazol	54 - 2489	ND*
Clofentezine	323 - 2489	ND*	Permethrin	323 - 2489	ND*
Diazinon	323 - 2489	ND*	Phosmet	54 - 2489	ND*
Dichlorvos	>323	ND*	Prophos	323 - 2489	ND*
Dimethoate	54 - 2489	ND*	Propoxur	54 - 2489	ND*
E-Fenproximate	54 - 2489	ND*	Pyridaben	54 - 2489	ND*
Etofenprox	54 - 2489	ND*	Spinosad A	54 - 2489	ND*
Etoxazole	323 - 2489	ND*	Spinosad D	323 - 2489	ND*
Fenoxycarb	>54	ND*	Spiromesifen	>323	ND*
Fipronil	54 - 2489	ND*	Spirotetramat	>323	ND*
Flonicamid	54 - 2489	ND*	Spiroxamine 1	54 - 2489	ND*
Fludioxonil	>323	ND*	Spiroxamine 2	54 - 2489	ND*
Hexythiazox	54 - 2489	ND*	Tebuconazole	323 - 2489	ND*
Imazalil	323 - 2489	ND*	Thiacloprid	54 - 2489	ND*
Imidacloprid	54 - 2489	ND*	Thiamethoxam	54 - 2489	ND*
Kresoxim-methyl	54 - 2489	ND*	Trifloxystrobin	54 - 2489	ND*

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

N/A

FINAL APPROVAL


Tyler Wiese
 1-Jun-2020
 4:43 PM

PREPARED BY / DATE



Greg Zimpfer
 1-Jun-2020
 5:12 PM

APPROVED BY / DATE

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DEFY ZERO Mixed Berry

Batch ID:	20147	Test ID:	T000078013
Reported:	2-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	102 - 2048	*ND
Butanes (Isobutane, n-Butane)	205 - 4110	*ND
Methanol	64 - 1271	*ND
Pentane	88 - 1751	*ND
Ethanol	85 - 1703	349
Acetone	105 - 2091	*ND
Isopropyl Alcohol	110 - 2191	*ND
Hexane	6 - 127	*ND
Ethyl Acetate	105 - 2093	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	95 - 1901	*ND
Toluene	19 - 381	*ND
Xylenes (m,p,o-Xylenes)	140 - 2799	*ND

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

NOTES:
N/A**FINAL APPROVAL**
Ryan Weems
2-Jun-2020
12:13 PM
PREPARED BY / DATE
Ben Minton
2-Jun-2020
3:37 PM
APPROVED BY / DATE

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Certificate #4329.02

DEFY ZERO Mixed Berry

Batch ID:	20147	Test ID:	T000078016
Reported:	2-Jun-2020	Method:	TM19
Type:	Unit		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.059 - 5.86	ND
Cadmium	0.060 - 5.99	ND
Mercury	0.054 - 5.40	ND
Lead	0.058 - 5.75	ND

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

FINAL APPROVAL



Ryan Weems
2-Jun-2020
12:26 PM

PREPARED BY / DATE



Ben Minton
2-Jun-2020
5:25 PM

APPROVED BY / DATE

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DEFY ZERO Mixed Berry

Batch ID:	20147	Test ID:	T000078014
Reported:	1-Jun-2020	Method:	Edible - Test Methods: TM05, TM06
Type:	Edible		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

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

* 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


Mara Miller
1-Jun-2020
2:59 PM
Greg Zimpfer
1-Jun-2020
5:19 PM

PREPARED BY / DATE

APPROVED BY / DATE

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