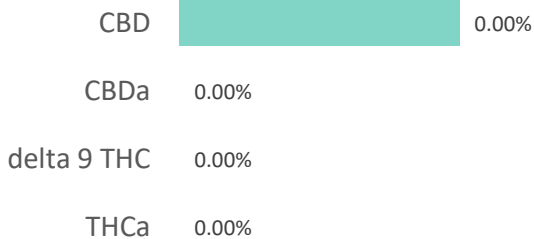
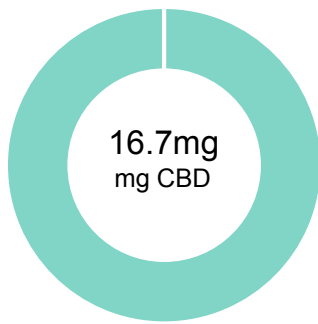


DEFY ZERO Orange Mango

Batch ID:	20147	Test ID:	5078504.0063
Reported:	1-Jun-2020	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.20	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	ND	ND
Cannabidiolic acid (CBDA)	0.21	ND	ND
Cannabidiol (CBD)	0.12	16.70	0.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	ND	ND
Cannabinolic Acid (CBNA)	0.27	ND	ND
Cannabinol (CBN)	0.12	0.30	0.0
Cannabigerolic acid (CBGA)	0.17	ND	ND
Cannabigerol (CBG)	0.10	0.20	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.17	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.19	ND	ND
Cannabidivarin (CBDV)	0.11	0.10	0.0
Cannabichromenic Acid (CBCA)	0.15	ND	ND
Cannabichromene (CBC)	0.18	0.70	0.0
Total Cannabinoids		18.00	0.04
Total Potential THC**		ND	ND
Total Potential CBD**		16.70	0.03

NOTES:

of Servings = 1, Sample Weight=508.2g

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
1-Jun-2020
4:17 PM



Greg Zimpfer
1-Jun-2020
4:23 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

DEFY ZERO Orange Mango

Batch ID:	20147	Test ID:	8109083.001
Reported:	3-Jun-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	51 - 2339	ND*	Malathion	303 - 2339	ND*
Acetamiprid	51 - 2339	ND*	Metalaxyl	51 - 2339	ND*
Abamectin	>303	ND*	Methiocarb	51 - 2339	ND*
Azoxystrobin	51 - 2339	ND*	Methomyl	51 - 2339	ND*
Bifenazate	51 - 2339	ND*	MGK 264 1	303 - 2339	ND*
Boscalid	51 - 2339	ND*	MGK 264 2	303 - 2339	ND*
Carbaryl	51 - 2339	ND*	Myclobutanil	51 - 2339	ND*
Carbofuran	51 - 2339	ND*	Naled	51 - 2339	ND*
Chlorantraniliprole	51 - 2339	ND*	Oxamyl	51 - 2339	ND*
Chlorpyrifos	51 - 2339	ND*	Paclobutrazol	51 - 2339	ND*
Clofentezine	303 - 2339	ND*	Permethrin	303 - 2339	ND*
Diazinon	303 - 2339	ND*	Phosmet	51 - 2339	ND*
Dichlorvos	>303	ND*	Prophos	303 - 2339	ND*
Dimethoate	51 - 2339	ND*	Propoxur	51 - 2339	ND*
E-Fenpyroximate	51 - 2339	ND*	Pyridaben	51 - 2339	ND*
Etofenprox	51 - 2339	ND*	Spinosad A	51 - 2339	ND*
Etoxazole	303 - 2339	ND*	Spinosad D	303 - 2339	ND*
Fenoxycarb	>51	ND*	Spiromesifen	>303	ND*
Fipronil	51 - 2339	ND*	Spirotetramat	>303	ND*
Flonicamid	51 - 2339	ND*	Spiroxamine 1	51 - 2339	ND*
Fludioxonil	>303	ND*	Spiroxamine 2	51 - 2339	ND*
Hexythiazox	51 - 2339	ND*	Tebuconazole	303 - 2339	ND*
Imazalil	303 - 2339	ND*	Thiacloprid	51 - 2339	ND*
Imidacloprid	51 - 2339	ND*	Thiamethoxam	51 - 2339	ND*
Kresoxim-methyl	51 - 2339	ND*	Trifloxystrobin	51 - 2339	ND*

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

N/A

FINAL APPROVAL


 Tyler Wiese
 3-Jun-2020
 2:34 PM
 PREPARED BY / DATE


 Greg Zimpfer
 3-Jun-2020
 6:10 PM
 APPROVED BY / DATE

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DEFY ZERO Orange Mango

Batch ID:	20147	Test ID:	T000078008
Reported:	2-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	95 - 1901	*ND
Butanes (Isobutane, n-Butane)	191 - 3814	*ND
Methanol	59 - 1179	*ND
Pentane	81 - 1625	*ND
Ethanol	79 - 1580	89
Acetone	97 - 1941	*ND
Isopropyl Alcohol	102 - 2033	*ND
Hexane	6 - 118	*ND
Ethyl Acetate	97 - 1943	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	88 - 1764	*ND
Toluene	18 - 353	*ND
Xylenes (m,p,o-Xylenes)	130 - 2597	*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 Orange Mango

Batch ID:	20147	Test ID:	T000078011
Reported:	2-Jun-2020	Method:	TM19
Type:	Unit		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.063 - 6.28	0.083
Cadmium	0.064 - 6.42	ND
Mercury	0.058 - 5.79	ND
Lead	0.062 - 6.17	0.092

* 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 Orange Mango

Batch ID:	20147	Test ID:	T000078009
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
<i>E. coli</i>	None Detected
<i>Salmonella</i>	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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Certificate #4329.03