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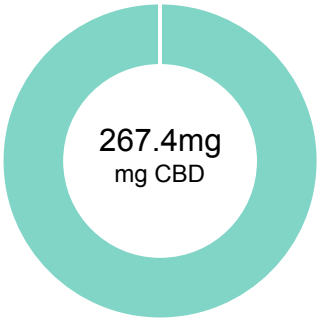
CERTIFICATE OF ANALYSIS

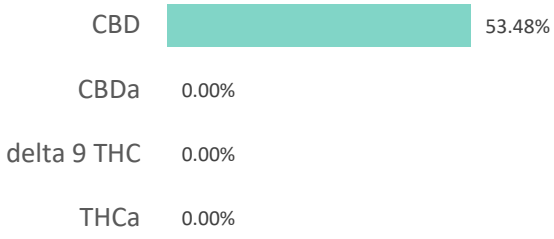
prepared for: SYZYGY
8820 WILSHIRE BLVD SUITE 300
BEVERLY HILLS, CA 90211

SYZYGY UNWIND VAPE PEN

Batch ID:	123019_V_UN_11	**Test ID:**	2724134.003
Reported:	17-Jan-2020	**Method:**	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	1.79	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.90	0.00	0.0
Cannabidiolic acid (CBDA)	2.28	0.00	0.0
Cannabidiol (CBD)	1.27	267.40	534.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.98	0.00	0.0
Cannabinolic Acid (CBNA)	2.46	0.00	0.0
Cannabinol (CBN)	1.09	0.00	0.0
Cannabigerolic acid (CBGA)	1.57	0.00	0.0
Cannabigerol (CBG)	0.88	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	1.54	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.80	0.00	0.0
Cannabidivarinic Acid (CBDVA)	2.12	0.00	0.0
Cannabidivarin (CBDV)	1.16	1.20	2.4
Cannabichromenic Acid (CBCA)	1.34	0.00	0.0
Cannabichromene (CBC)	1.62	0.00	0.0
Total Cannabinoids		**268.60**	**537.20**
Total Potential THC**		0.00	0.00
Total Potential CBD**		267.40	534.80

% = % (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))

NOTES:

# of Servings = 1, Sample Weight=0.5g

N/A

FINAL APPROVAL

Daniel Weidensaul
17-Jan-2020
5:14 PM
PREPARED BY / DATE

Greg Zimpfer
17-Jan-2020
5:44 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

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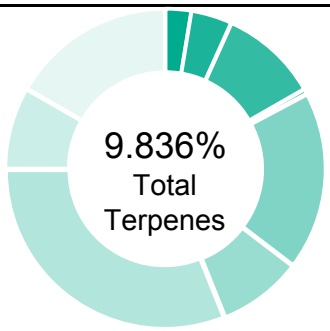
CERTIFICATE OF ANALYSIS

prepared for: SYZYGY
8820 WILSHIRE BLVD SUITE 300
BEVERLY HILLS, CA 90211

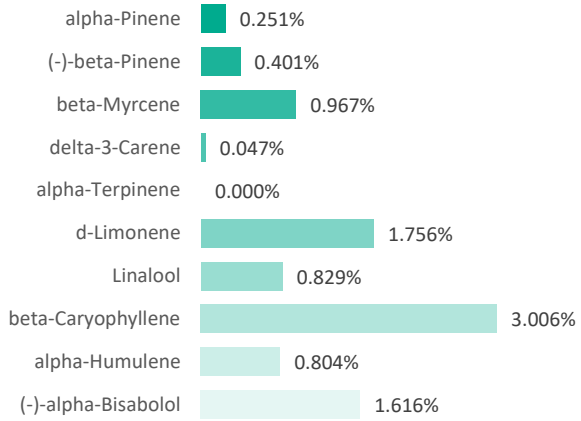
SYZYGY UNWIND VAPE PEN

Batch ID:	123019_V_UN_11	**Test ID:**	7120176.0035
Reported:	20-Jan-2020	**Method:**	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE



PREDOMINANT TERPENES



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	1.616	16.16
Camphene	0.063	0.63
delta-3-Carene	0.047	0.47
beta-Caryophyllene	3.006	30.06
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.804	8.04
(-)-Isopulegol	0.000	0
d-Limonene	1.756	17.56
Linalool	0.829	8.29
beta-Myrcene	0.967	9.67
cis-Nerolidol	0.000	0
trans-Nerolidol	0.027	0.27
Ocimene	0.013	0.13
beta-Ocimene	0.000	0
alpha-Pinene	0.251	2.51
(-)-beta-Pinene	0.401	4.01
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.056	0.56
	9.836%	**98.36**

NOTES:
0

FINAL APPROVAL

Daniel Weidensaul
20-Jan-2020
1:51 PM
PREPARED BY / DATE

David Green
20-Jan-2020
4:09 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: SYZYGY
8820 WILSHIRE BLVD SUITE 300
BEVERLY HILLS, CA 90211

SYZYGY UNWIND VAPE PEN

Batch ID:	123019_V_UN_11	**Test ID:**	T000052287
Reported:	17-Jan-2020	**Method:**	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
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

Samantha N. Pauly
Samantha Pauly
17-Jan-2020
6:13 PM
PREPARED BY / DATE

Greg Zimpfer
17-Jan-2020
6:29 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: SYZYGY
8820 WILSHIRE BLVD SUITE 300
BEVERLY HILLS, CA 90211

SYZYGY UNWIND VAPE PEN

Batch ID:	123019_V_UN_11	**Test ID:**	1601194.0018
Reported:	16-Jan-2020	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	57 - 2658	ND*
Acetamiprid	57 - 2658	ND*
Avermectin	344 - 2658	ND*
Azoxystrobin	57 - 2658	ND*
Bifenazate	57 - 2658	N/A
Boscalid	344 - 2658	ND*
Carbaryl	57 - 2658	ND*
Carbofuran	57 - 2658	ND*
Chlorantraniliprole	57 - 2658	ND*
Chlorpyrifos	344 - 2658	ND*
Clofentezine	57 - 2658	ND*
Diazinon	57 - 2658	ND*
Dichlorvos	344 - 2658	ND*
Dimethoate	57 - 2658	ND*
E-Fenpyroximate	344 - 2658	ND*
Etofenprox	344 - 2658	ND*
Etoxazole	344 - 2658	ND*
Fenoxycarb	57 - 2658	ND*
Fipronil	344 - 2658	ND*
Flonicamid	57 - 2658	ND*
Fludioxonil	344 - 2658	ND*
Hexythiazox	344 - 2658	ND*
Imazalil	344 - 2658	ND*
Imidacloprid	57 - 2658	ND*
Kresoxim-methyl	57 - 2658	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	57 - 2658	ND*
Metalaxyl	344 - 2658	ND*
Methiocarb	57 - 2658	ND*
Methomyl	57 - 2658	ND*
MGK 264 1	57 - 2658	ND*
MGK 264 2	344 - 2658	ND*
Myclobutanil	344 - 2658	ND*
Naled	344 - 2658	ND*
Oxamyl	57 - 2658	ND*
Paclobutrazol	57 - 2658	ND*
Permethrin	344 - 2658	ND*
Phosmet	57 - 2658	ND*
Prophos	344 - 2658	ND*
Propoxur	344 - 2658	ND*
Pyridaben	344 - 2658	ND*
Spinosad A	57 - 2658	ND*
Spinosad D	344 - 2658	ND*
Spiromesifen	57 - 2658	ND*
Spirotetramat	344 - 2658	ND*
Spiroxamine 1	57 - 2658	ND*
Spiroxamine 2	57 - 2658	ND*
Tebuconazole	57 - 2658	ND*
Thiacloprid	57 - 2658	ND*
Thiamethoxam	57 - 2658	ND*
Trifloxystrobin	344 - 2658	ND*

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

N/A

FINAL APPROVAL

Alex Smith
16-Jan-2020
1:53 PM
PREPARED BY / DATE

Greg Zimpfer
16-Jan-2020
2:20 PM
APPROVED BY / DATE

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prepared for: SYZYGY
8820 WILSHIRE BLVD SUITE 300
BEVERLY HILLS, CA 90211

SYZYGY UNWIND VAPE PEN

Batch ID:	123019_V_UN_11	**Test ID:**	1006971.007
Reported:	17-Jan-2020	**Method:**	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:
Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

Tyler Wiese
17-Jan-2020
2:37 PM

PREPARED BY / DATE

Greg Zimpfer
17-Jan-2020
4:54 PM

APPROVED BY / DATE

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