

## Vantage BioSciences

License#: 6095 E. Camelback Rd. #115

Scottsdale, AZ 85251  
(480) 747-7132

Additional Licenses:  
Batch #: 2804855945023857  
Sample Batch Collection: 12/29/20 00:00; Sample Batch Collected By: Vantage Biosciences  
Sample Received: 12/29/2020; Report Created: 1/18/2021

Sprinkle Raw Effects Night Relaxation  
Ingestible

Laboratory Number: 2012182-02

<b>Herbicides</b> Not Tested	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>Metals</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> Not Tested	<b>E. Coli/ Salmonella</b> PASS
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### Sample Image



### Residual Solvents (GCMS-MS) Analyzed: 01/06/21 By: TH

Analyte	RL	ppm	Q
Propane	100.00	ND	
Butanes	100.00	ND	
Pentanes	100.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	100.00	ND	
Hexanes	100.00	ND	
Chloroform	10.00	ND	
n-Heptane	100.00	ND	
Methanol	500.00	ND	
Ethanol	100.00	ND	
Diethyl Ether	100.00	ND	
Acetone	100.00	ND	
Isopropanol	100.00	ND	
Ethyl acetate	100.00	ND	
Isopropyl acetate	100.00	ND	
Benzene	1.00	ND	
Toluene	100.00	ND	
Xylenes	100.00	ND	

### Cannabinoid (HPLC) Analyzed: 01/04/21 By: MLC

Analyte	LOQ %	mg/g	mg/unit	%	Q
THC-A	0.005	ND	ND	ND	
delta 9-THC	0.05	9.20	101	0.92	D1
delta 8-THC	0.005	ND	ND	ND	
THC-V	0.005	ND	ND	ND	
CBG-A	0.005	ND	ND	ND	
CBD-A	0.005	ND	ND	ND	
CBD	0.005	ND	ND	ND	
CBD-V	0.005	ND	ND	ND	Q3
CBN	0.005	0.066	0.727	0.007	Q3
CBG	0.005	0.201	2.21	0.02	Q3
CBC	0.005	0.097	1.07	0.01	

### Metals (ICP-MS) Analyzed: 01/06/21 By: ESA

Element	RL	ppm	Q
Arsenic	0.050	ND	
Cadmium	0.050	ND	
Lead	0.050	0.067	
Mercury	0.005	ND	

### Regulated Microbials (Petrifilm) Analyzed: 12/31/2020 By: KRB

Pathogens	RL	Result	Units	Q
E. coli	10.0	ND	cfu/g	

### Regulated Microbials (PCR) Analyzed: 1/2/2021 By: KRB

Pathogens	RL	Result	Units	Q
Salmonella	1.00	Absent	cfu/g	

### Regulated Microbials (PCR) Analyzed: By:

Pathogens	RL	Result	Units	Q
Aspergillus	NT	NT	cfu/g	

9.20 mg/g 101.00 mg/unit 0.92 % <b>Total THC</b>	0.00 mg/g 0.00 mg/unit 0.00 % <b>Total CBD</b>	9.56 mg/g 105.00 mg/unit 0.96 % <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA \* 0.877 + CBD

### Regulated Mycotoxins (LC-MS TQ) Analyzed: 01/13/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	1.07	ND	Q3
Ochratoxins	2.14	ND	Q3

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Tabitha Hauer  
Owner

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Pesticides (LC-MS TQ) Analyzed: 01/10/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.107	ND		Acequinocyl	0.535	ND	M2, N1, Q3
Acetamiprid	0.054	ND	L1, M1	Aldicarb	0.107	ND	
Azoxystrobin	0.054	ND	L1	Bifenthrin	0.054	ND	
Boscalid	0.107	ND	L1, M1	Carbaryl	0.054	ND	
Carbofuran	0.054	ND	L1, M1	Chlorpyrifos	0.054	ND	M2
Diazinon	0.054	ND		Dimethoate	0.054	ND	M2
Ethoprophos	0.054	ND		Etofenprox	0.107	ND	
Etoxazole	0.054	ND		Fenoxycarb	0.054	ND	
Fenpyroximate E	0.107	ND		Flonicamid	0.268	ND	
Fludioxonil	0.107	ND	L1, M2	Hexythiazox	0.268	ND	
Imazalil	0.054	ND		Imidacloprid	0.107	ND	
Kresoxim-methyl	0.107	ND		Malathion	0.054	ND	
Metalaxyl	0.054	ND		Methiocarb	0.054	ND	
Methomyl	0.107	ND		Myclobutanil	0.054	ND	
Naled	0.134	ND		Oxamyl	0.268	ND	
Piperonyl butoxide	0.535	ND		Propiconazole	0.107	ND	
Propoxure	0.054	ND		Spiromesifen	0.054	ND	
Spirotetramat	0.054	ND		Spiroxamine	0.107	ND	
Tebuconazole	0.107	ND		Thiacloprid	0.054	ND	
Thiamethoxam	0.054	ND		Trifloxystrobin	0.054	ND	L1, M1

Herbicides (LC-MS TQ) Analyzed: By:			
Analyte	RL	ppm	Q
Pendimethalin	NT	NT	Q3

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*Tabitha A. Hauer*  
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Non-Regulated Microbials (PetriFilms) Analyzed: By:				
	RL	Result	Units	Q
<b>Pathogens</b>				
Total Coliform	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3
Enterobacteria	NT	NT	cfu/g	Q3

Terpenes (GCMS-MS) Analyzed: By:			
	mg/g	%	Q
<b>Compound</b>			
alpha-Bisabolol	NT	NT	Q3
(-)-Borneol and (+)-Borneol	NT	NT	Q3
Camphene	NT	NT	Q3
Camphor	NT	NT	Q3
beta-Caryophyllene	NT	NT	Q3
trans-Caryophyllene	NT	NT	Q3
Caryophyllene Oxide	NT	NT	Q3
alpha-Cedrene	NT	NT	Q3
Cedrol	NT	NT	Q3
Endo-fenchyl Alcohol	NT	NT	Q3
Eucalyptol	NT	NT	Q3
Fenchone	NT	NT	Q3
Geraniol	NT	NT	Q3
Geranyl acetate	NT	NT	Q3
Guaiol	NT	NT	Q3
Hexahydrothymol	NT	NT	Q3
alpha-Humulene	NT	NT	Q3
Isoborneol	NT	NT	Q3
Isopulegol	NT	NT	Q3
Limonene	NT	NT	Q3
Linalool	NT	NT	Q3
p-Mentha-1,5-diene	NT	NT	Q3
beta-Myrcene	NT	NT	Q3
trans-Nerolidol	NT	NT	Q3
Ocimene	NT	NT	Q3
alpha-Pinene	NT	NT	Q3
beta-Pinene	NT	NT	Q3
Pulegone	NT	NT	Q3
Sabinene	NT	NT	Q3
Sabinene Hydrate	NT	NT	Q3
gamma-Terpinene	NT	NT	Q3
alpha-Terpinene	NT	NT	Q3
3-Carene	NT	NT	Q3
Terpineol	NT	NT	Q3
Terpinolene	NT	NT	Q3
Valencene	NT	NT	Q3
Nerol	NT	NT	Q3
cis-Nerolidol	NT	NT	Q3
<b>Total Terpenes</b>	NT	NT	Q3

Water Activity (Moisture Reactor) Analyzed: By:			
		AW	Q
<b>Compound</b>			
Water Activity		NT	Q3
Moisture (Drying Oven) Analyzed: By:			
		%	Q
<b>Compound</b>			
Percent Moisture	NT	NT	Q3
pH Test (HannHI11310) Analyzed: By:			
		NA	Q
<b>Compound</b>			
pH		NT	Q3

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### QUALIFIER DEFINITIONS AND CASE NARRATIVE

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- D1 Sample required dilution due to matrix. The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The associated blank spike recovery was above acceptance limits but the samples results were less than the maximal allowable concentrations or less then limit of quantitation.
- M1 Matrix spike recovery was high; the associated blank spike recovery was acceptable.
- M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.
- N1 A description of variances described in the final report. See case narrative.
- Q3 Testing result is for informational purposes only and cannot be used to satisfy dispensary testing require-ments.

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements , and the reason for the variance will be described in the Work Order memo.

N1-Acequinocyl CCV and BS low. No detects.

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