

## High Grade Confidential

License#: 2340 E. University Dr  
Phoenix, AZ 85034  
(520) 780-7740

Additional Licenses:  
Batch #: 121202203479  
Sample Batch Collection: 01/18/21 11:14; Sample Batch Collected By: High Grade Confiden  
Sample Received: 1/19/2021; Report Created: 2/9/2021

RSO Laboratory Number: 2101099-01  
Concentrates

<b>Herbicides</b> PASS	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>Metals</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> PASS
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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 01/22/21 By: TAH

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	2771.8	
Diethyl Ether	100.00	ND	
Acetone	100.00	144.96	
Isopropanol	100.00	ND	
Ethyl acetate	100.00	140.94	
Isopropyl acetate	100.00	ND	
Benzene	1.00	ND	
Toluene	100.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 01/22/21 By: TAH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.09	0.37	3.74	
delta 9-THC	1.87	74.74	747	D1
delta 8-THC	0.09	ND	ND	
THC-V	0.09	1.57	15.7	
CBG-A	0.09	ND	ND	
CBD-A	0.09	ND	ND	
CBD	0.09	0.21	2.14	
CBD-V	0.09	ND	ND	Q3
CBN	0.09	0.29	2.86	Q3
CBG	0.09	3.00	30.0	Q3
CBC	0.09	0.90	9.02	

Metals (ICP-MS) Analyzed: 01/21/21 By: jvr

Element	RL	ppm	Q
Arsenic	0.050	ND	
Cadmium	0.050	ND	
Lead	0.050	0.061	
Mercury	0.005	ND	

75.03 %  
750.28 mg/g  
**Total THC**

0.21 %  
2.14 mg/g  
**Total CBD**

81.10 %  
811.00 mg/g  
**Total Cannabinoids**

Total THC = THCa \* 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA \* 0.877 + CBD

Regulated Microbials (Petrifilm) Analyzed: 1/21/2021 By: KRB

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


Regulated Microbials (PCR) Analyzed: 1/24/2021 By: KRB

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	cfu/g	
Salmonella	1.00	Absent	cfu/g	

Regulated Mycotoxins (LC-MS TQ) Analyzed: 02/03/21 By: KG

Pathogens	RL	ppb	Q
Aflatoxins	1.04	ND	Q3
Ochratoxins	2.07	ND	Q3

RL = Reporting Limit  
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LOQ = Limit of Quantification

  
Erin Polly  
Technical Laboratory Director

This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Desert Valley Testing.



# Certificate of Analysis

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51 W. Weldon Ave

Phoenix, AZ

(480) 788-6644

www.desertvalleytesting.com

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Pesticides (LC-MS TQ) Analyzed: 02/01/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.104	ND		Acequinocyl	0.518	ND	
Acetamiprid	0.052	ND		Aldicarb	0.104	ND	
Azoxystrobin	0.052	ND		Bifenthrin	0.052	ND	
Boscalid	0.104	ND		Carbaryl	0.052	ND	
Carbofuran	0.052	ND		Chlorpyrifos	0.052	ND	
Diazinon	0.052	ND	M2	Dimethoate	0.052	ND	
Ethoprophos	0.052	ND		Etofenprox	0.104	ND	M1
Etoxazole	0.052	ND		Fenoxycarb	0.052	ND	
Fenpyroximate E	0.104	ND	M2	Fonicamid	0.259	ND	
Fludioxonil	0.104	ND		Hexythiazox	0.259	ND	M2
Imazalil	0.052	ND		Imidacloprid	0.104	ND	
Kresoxim-methyl	0.104	ND		Malathion	0.052	ND	
Metalaxyl	0.052	ND		Methiocarb	0.052	ND	
Methomyl	0.104	ND		Myclobutanil	0.052	ND	
Naled	0.130	ND		Oxamyl	0.259	ND	
Piperonyl butoxide	0.518	ND		Propiconazole	0.104	ND	
Propoxure	0.052	ND		Spiromesifen	0.052	ND	
Spirotetramat	0.052	ND	M1	Spiroxamine	0.104	ND	
Tebuconazole	0.104	ND		Thiacloprid	0.052	ND	
Thiamethoxam	0.052	ND		Trifloxystrobin	0.052	ND	

Herbicides (LC-MS TQ) Analyzed: 02/04/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.038	ND	Q3

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<b>RSO</b> Concentrates	<b>Laboratory Number: 2101099-01</b>
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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	Q3	
pH Test (HannHI11310) Analyzed: By:			
	NA	Q	
<b>Compound</b>			
pH	NT	Q3	

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