

High Grade Confidential

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

Additional Licenses:
Batch #: 071223203508
Sample Batch Collection: 01/29/21 11:07; Sample Batch Collected By: High Grade Confiden
Sample Received: 1/29/2021; Report Created: 2/26/2021

RSO #3508

Laboratory Number: 2101177-04

Concentrates

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



Residual Solvents (GCMS-MS) Analyzed: 02/06/21 By: CBH

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	2953.3	
Diethyl Ether	100.00	ND	
Acetone	100.00	ND	
Isopropanol	100.00	ND	
Ethyl acetate	100.00	274.80	
Isopropyl acetate	100.00	ND	
Benzene	1.00	ND	
Toluene	100.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 02/02/21 By: MLC

Analyte	LOQ %	%	mg/g	Q
THC-A	0.09	0.09	0.934	
delta 9-THC	1.85	60.23	602	D1
delta 8-THC	0.09	ND	ND	
THC-V	0.09	0.84	8.39	
CBG-A	0.09	ND	ND	
CBD-A	0.09	ND	ND	
CBD	0.09	0.14	1.35	
CBD-V	0.09	ND	ND	Q3
CBN	0.09	0.13	1.28	Q3
CBG	0.09	2.86	28.6	Q3
CBC	0.09	0.69	6.89	

Metals (ICP-MS) Analyzed: 02/04/21 By: JVR

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

Regulated Microbials (Petrifilm) Analyzed: 2/3/2021 By: LEF

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

Regulated Microbials (PCR) Analyzed: 2/4/2021 By: MEF

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

60.28 % 602.82 mg/g Total THC	0.14 % 1.35 mg/g Total CBD	65.00 % 650.00 mg/g Total Cannabinoids
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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: 02/10/21 By: KG

Pathogens	RL	ppb	Q
Aflatoxins	1.03	ND	Q3 V1
Ochratoxins	2.07	ND	Q3 V1

RL = Reporting Limit
NA = Not Applicable
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LOQ = Limit of Quantification



Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 02/05/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.021	ND		Acequinocyl	0.103	ND	M1
Acetamiprid	0.010	ND		Aldicarb	0.021	ND	M1
Azoxystrobin	0.010	ND		Bifenthrin	0.010	ND	
Boscalid	0.021	ND		Carbaryl	0.010	ND	M1
Carbofuran	0.010	ND		Chlorpyrifos	0.010	ND	M2
Diazinon	0.010	ND	M2	Dimethoate	0.010	ND	
Ethoprophos	0.010	ND	M2	Etofenprox	0.021	ND	
Etoxazole	0.010	ND	M2	Fenoxycarb	0.010	ND	
Fenpyroximate E	0.021	ND		Flonicamid	0.052	ND	
Fludioxonil	0.021	ND	M2, N1, Q3	Hexythiazox	0.052	ND	
Imazalil	0.010	ND	M1	Imidacloprid	0.021	ND	
Kresoxim-methyl	0.021	ND		Malathion	0.010	ND	
Metalaxyl	0.010	ND		Methiocarb	0.010	ND	
Methomyl	0.021	ND		Myclobutanil	0.010	ND	
Naled	0.026	ND	M1	Oxamyl	0.052	ND	
Piperonyl butoxide	0.103	ND		Propiconazole	0.021	ND	M2
Propoxure	0.010	ND		Spiromesifen	0.010	ND	M2
Spirotetramat	0.010	ND		Spiroxamine	0.021	ND	
Tebuconazole	0.021	ND	M2	Thiacloprid	0.010	ND	M1
Thiamethoxam	0.010	ND		Trifloxystrobin	0.010	ND	M2

Herbicides (LC-MS TQ) Analyzed: 02/13/21 By: KG			
Analyte	RL	ppm	Q
Pendimethalin	0.038	ND	Q3

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
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:

Compound	mg/g	%	Q
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
Total Terpenes	NT	NT	Q3

Water Activity (Moisture Reactor) Analyzed: By:

Compound	AW	Q
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

Compound	%	Q
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

Compound	NA	Q
pH	NT	Q3

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Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

Phoenix, AZ

(480) 788-6644

www.desertvalleytesting.com

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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.
- 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.
- V1 CCV recovery was above the acceptance limits. This target analyte was not detected above the maximal allowable concentrations or less then the limit of quantitation.

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- Fludioxonil BS did not meet acceptance criteria. No detects.

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