

## High Grade Confidential

License#: 2320 E Baseline Rd Ste 490  
Phoenix, AZ 85042  
(520) 780-7740

Additional Licenses:  
Batch #: 14042821165  
Sample Batch Collection: 07/14/21 13:31; Sample Batch Collected By: High Grade Confiden  
Sample Received: 7/14/2021; Report Created: 8/2/2021

Distillate #165

Laboratory Number: 2107128-01  
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: 07/30/21 By: KSG

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	
Pentanes	145.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	
Hexanes	145.00	ND	
Chloroform	30.00	ND	
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	
Ethanol	2500.0	ND	
Diethyl Ether	2500.0	ND	
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	
Isopropyl acetate	2500.0	ND	
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 07/24/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.11	ND	ND	
delta 9-THC	2.13	89.66	897	D1
delta 8-THC	0.11	ND	ND	
THC-V	0.11	1.41	14.1	
CBG-A	0.11	ND	ND	
CBD-A	0.11	ND	ND	
CBD	0.11	0.29	2.91	M4
CBD-V	0.11	ND	ND	
CBN	0.11	0.35	3.54	
CBG	0.11	2.19	21.9	
CBC	0.11	1.61	16.1	

Metals (ICP-MS) Analyzed: 07/26/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.100	ND	M1
Cadmium	0.100	ND	
Lead	0.100	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 7/16/2021 By: BMR

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

Regulated Microbials (PCR) Analyzed: 7/20/2021 By: LEF

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

89.70 % 897.00 mg/g <b>Total THC</b>	0.29 % 2.91 mg/g <b>Total CBD</b>	95.50 % 955.00 mg/g <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: 07/28/21 By: MLC

Pathogens	RL	ppb	Q
Aflatoxins	0.973	ND	
Ochratoxins	1.95	ND	

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: 07/28/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.195	ND		Acequinocyl	0.973	ND	
Acetamiprid	0.097	ND		Aldicarb	0.195	ND	
Azoxystrobin	0.097	ND		Bifenthrin	0.097	ND	
Boscalid	0.195	ND	V1	Carbaryl	0.097	ND	
Carbofuran	0.097	ND		Chlorpyrifos	0.097	ND	
Diazinon	0.097	ND		Dimethoate	0.097	ND	
Ethoprophos	0.097	ND		Etofenprox	0.195	ND	
Etoxazole	0.097	ND		Fenoxycarb	0.097	ND	
Fenpyroximate E	0.195	ND		Fonicamid	0.486	ND	
Fludioxonil	0.195	ND		Hexythiazox	0.486	ND	
Imazalil	0.097	ND	V1	Imidacloprid	0.195	ND	
Kresoxim-methyl	0.195	ND		Malathion	0.097	ND	
Metalaxyl	0.097	ND		Methiocarb	0.097	ND	
Methomyl	0.195	ND		Myclobutanil	0.097	ND	V1
Naled	0.243	ND		Oxamyl	0.486	ND	
Piperonyl butoxide	0.973	ND		Propiconazole	0.195	ND	
Propoxure	0.097	ND		Spiromesifen	0.097	ND	
Spirotetramat	0.097	ND	V1	Spiroxamine	0.195	ND	
Tebuconazole	0.195	ND		Thiacloprid	0.097	ND	
Thiamethoxam	0.097	ND		Trifloxystrobin	0.097	ND	
Abamectin	0.243	ND	V1	Bifenazate	0.097	ND	V1
Chlorantraniliprole	0.097	ND		Clofentezine	0.097	ND	
Cyfluthrin	0.973	ND	V1	Cypermethrin	0.486	ND	
Daminozide	0.486	ND	L1, V1	DDVP (Dichlorvos)	0.049	ND	
Fipronil	0.195	ND	M1	Paclobutrazol	0.195	ND	
Permethrins	0.097	ND		Phosmet	0.097	ND	
Prallethrin	0.097	ND	R1, V1	Pyrethrins	0.486	ND	V1
Pyridaben	0.097	ND		Spinosad	0.097	ND	L1, V1
Chlorfenapyr	0.973	ND					

Herbicides (LC-MS TQ) Analyzed: 07/28/21 By: LEH			
Analyte	RL	ppm	Q
Pendimethalin	0.049	ND	V1

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	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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# 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 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- M4 The analysis of the matrix spike required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample and duplicate are within acceptance criteria.
- R1 The relative percent difference (RPD) for the laboratory control sample and duplicate is more than 20%, but the percent recovery for the laboratory control sample and duplicate is within acceptance criteria.
- V1 Continuing Calibration Verification (CCV) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

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.

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