

High Grade Confidential

License#: 00000077DCPS00216601
2320 E Baseline Rd Ste 490
Phoenix, AZ 85042
(520) 780-7740

Additional Licenses:

Batch #: 05061621; External Lot #:

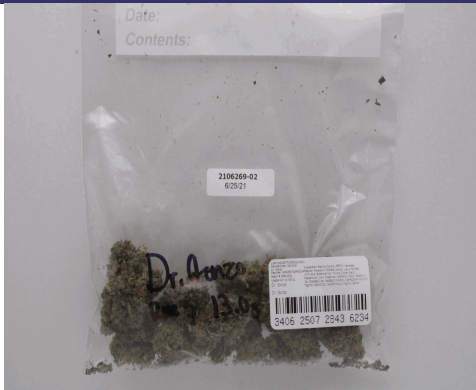
Sample Batch Collection: 06/23/21 15:41; Sample Batch Collected By: High Grade Confiden
Sample Received: 6/25/2021; Report Created: 10/29/2021

Dr. Gonzo

Laboratory Number: 2106269-02
Flower

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



Residual Solvents (GCMS-MS) Analyzed: 07/02/21 By: LEH

Analyte	RL	ppm	Q
Propane	625.00	ND	L1, M1, V1
Butanes	625.00	ND	V1
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: 07/01/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.48	23.51	235.1	D1
delta 9-THC	0.05	0.66	6.6	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.12	1.2	
CBG-A	0.05	1.48	14.8	
CBD-A	0.05	0.07	0.7	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.09	0.9	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 07/06/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.020	ND	
Cadmium	0.020	ND	
Lead	0.020	ND	
Mercury	0.002	ND	M1

Regulated Microbials (Petrifilm) Analyzed: 7/1/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 7/1/2021 By: MEF

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

21.26 % 212.59 mg/g Total THC	0.06 % 0.62 mg/g Total CBD	25.90 % 259.00 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: By:

Pathogens	RL	ppb	Q
Aflatoxins	NT	NT	
Ochratoxins	NT	NT	

RL = Reporting Limit
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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 07/15/21 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.212	ND		Acequinocyl	1.06	ND	
Acetamiprid	0.106	ND		Aldicarb	0.212	ND	
Azoxystrobin	0.106	ND		Bifenthrin	0.106	ND	
Boscalid	0.212	ND	R1, V1	Carbaryl	0.106	ND	
Carbofuran	0.106	ND		Chlorpyrifos	0.106	ND	
Diazinon	0.106	ND		Dimethoate	0.106	ND	
Ethoprophos	0.106	ND		Etofenprox	0.212	ND	
Etoxazole	0.106	ND		Fenoxycarb	0.106	ND	
Fenpyroximate E	0.212	ND		Fonicamid	0.529	ND	
Fludioxonil	0.212	ND		Hexythiazox	0.529	ND	
Imazalil	0.106	ND		Imidacloprid	0.212	ND	
Kresoxim-methyl	0.212	ND		Malathion	0.106	ND	
Metalaxyl	0.106	ND		Methiocarb	0.106	ND	
Methomyl	0.212	ND		Myclobutanil	0.106	ND	
Naled	0.264	ND		Oxamyl	0.529	ND	
Piperonyl butoxide	1.06	ND		Propiconazole	0.212	ND	
Propoxure	0.106	ND		Spiromesifen	0.106	ND	
Spirotetramat	0.106	ND		Spiroxamine	0.212	ND	
Tebuconazole	0.212	ND		Thiacloprid	0.106	ND	
Thiamethoxam	0.106	ND		Trifloxystrobin	0.106	ND	
Abamectin	0.264	ND		Bifenazate	0.106	ND	
Chlorantraniliprole	0.106	ND		Clofentezine	0.106	ND	
Cyfluthrin	0.529	ND		Cypermethrin	0.529	ND	
Daminozide	0.529	ND		DDVP (Dichlorvos)	0.053	ND	N1
Fipronil	0.212	ND		Paclobutrazol	0.212	ND	
Permethrins	0.106	ND		Phosmet	0.106	ND	
Prallethrin	0.106	ND	V1	Pyrethrins	0.529	ND	
Pyridaben	0.106	ND	M2	Spinosad	0.106	ND	
Chlorfenapyr	1.06	ND					

Herbicides (LC-MS TQ) Analyzed: 07/17/21 By: MLC			
Analyte	RL	ppm	Q
Pendimethalin	0.053	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	
Enterobacteria	NT	NT	cfu/g	

Terpenes (GCMS-MS) Analyzed: By:

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

Water Activity (Moisture Reacter) Analyzed: By:

Compound	AW	Q
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

Compound	%	Q
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

Compound	NA	Q
pH	NT	

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Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

Phoenix, AZ

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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.
- N1 Terpenes not regulated as per ADHS.
- 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.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- N1 A description of any variances from the requirements in the QAP, the applicable SOPs, or that Administration made to ensure scientifically valid and defensible testing results, and the reason for the variance; see case narrative.
- 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.

N1-Pesticide full list approved by ADHS. Dichlorvos was analyzed on an instrument that was in an audit response pending validation approval. All ADHS acceptance criteria was acceptable.

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