

CMS Ventures - GSI

License#: 13454 N. Black Canyon Hwy
Phoenix, AZ 85029
(602) 399-2931

Additional Licenses:
Batch #: 0616R2LCB

Sample Batch Collection: 06/18/21 12:38; Sample Batch Collected By: CMS Ventures - GSI
Sample Received: 6/18/2021; Report Created: 7/16/2021

Lunch Box

Laboratory Number: 2106200-06
Flower

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: 07/01/21 By: KSG

Analyte	RL	ppm	Q
Propane	625.00	ND	L1, N1, V1
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: 06/29/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.50	25.33	253.3	D1
delta 9-THC	0.05	0.77	7.7	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.28	12.8	
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	0.12	1.2	
CBC	0.05	0.07	0.7	

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

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

Regulated Microbials (Petrifilm) Analyzed: 6/20/2021 By: LEF

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

Regulated Microbials (PCR) Analyzed: 6/23/2021 By: MEF

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

22.97 % 229.65 mg/g Total THC	0.06 % 0.58 mg/g Total CBD	27.60 % 276.00 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: 07/13/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	1.01	ND	M2
Ochratoxins	2.01	ND	L1, N1

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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 07/06/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.201	ND		Acequinocyl	1.01	ND	
Acetamiprid	0.101	ND		Aldicarb	0.201	ND	
Azoxystrobin	0.101	ND		Bifenthrin	0.101	ND	
Boscalid	0.201	ND	V1	Carbaryl	0.101	ND	
Carbofuran	0.101	ND		Chlorpyrifos	0.101	ND	
Diazinon	0.101	ND		Dimethoate	0.101	ND	
Ethoprophos	0.101	ND		Etofenprox	0.201	ND	
Etoxazole	0.101	ND		Fenoxycarb	0.101	ND	
Fenpyroximate E	0.201	ND		Fonicamid	0.504	ND	V1
Fludioxonil	0.201	ND		Hexythiazox	0.504	ND	
Imazalil	0.101	ND		Imidacloprid	0.201	ND	
Kresoxim-methyl	0.201	ND		Malathion	0.101	ND	
Metalaxyl	0.101	ND		Methiocarb	0.101	ND	
Methomyl	0.201	ND		Myclobutanil	0.101	ND	V1
Naled	0.252	ND		Oxamyl	0.504	ND	
Piperonyl butoxide	1.01	ND		Propiconazole	0.201	ND	V1
Propoxure	0.101	ND		Spiromesifen	0.101	ND	
Spirotetramat	0.101	ND		Spiroxamine	0.201	ND	
Tebuconazole	0.201	ND	V1	Thiacloprid	0.101	ND	
Thiamethoxam	0.101	ND		Trifloxystrobin	0.101	ND	
Abamectin	0.252	ND		Bifenazate	0.101	ND	
Chlorantraniliprole	0.101	ND		Clofentezine	0.101	ND	
Cyfluthrin	0.504	ND		Cypermethrin	0.504	ND	
Daminozide	0.504	ND		DDVP (Dichlorvos)	0.050	ND	N1
Fipronil	0.201	ND	M1	Paclobutrazol	0.201	ND	V1
Permethrins	0.101	ND		Phosmet	0.101	ND	
Prallethrin	0.101	ND	V1	Pyrethrins	0.504	ND	
Pyridaben	0.101	ND	M2	Spinosad	0.101	ND	
Chlorfenapyr	1.01	ND					

Herbicides (LC-MS TQ) Analyzed: 07/13/21 By: LEH			
Analyte	RL	ppm	Q
Pendimethalin	0.050	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
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
Compound			
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:

	AW	Q
Compound		
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
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.
- 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.
- 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 - Propane matrix spike recovery does not meet acceptance criteria.
- N1 - Ochratoxin matrix spike recovery outside acceptance criteria.
- N1-Full list pesticides not approved per ADHS rules on Apollo (LC-QQQ). All QC passes acceptance criteria (Dichlorvos).

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