

CMS Ventures - GSI

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

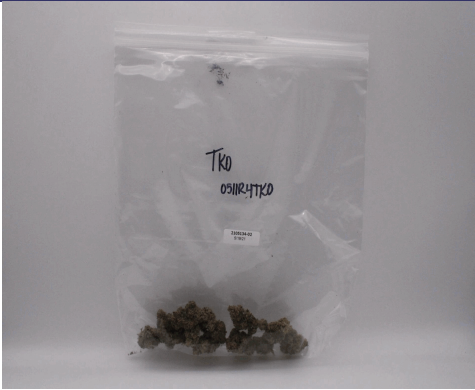
Additional Licenses:
Batch #: 0511R4TKO

Sample Batch Collection: 05/19/21 12:34; Sample Batch Collected By: CMS Ventures - GSI
Sample Received: 5/19/2021; Report Created: 6/6/2021

TKO Laboratory Number: 2105134-02
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: 05/24/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	M1
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	2500.00	ND	
Methanol	1500.00	ND	
Ethanol	2500.00	ND	
Diethyl Ether	2500.00	ND	
Acetone	500.00	ND	
Isopropanol	2500.00	ND	
Ethyl acetate	2500.00	ND	
Isopropyl acetate	2500.00	ND	
Benzene	1.00	ND	R1
Toluene	445.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 05/22/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.50	24.06	240.6	D1
delta 9-THC	0.05	1.54	15.4	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.97	9.7	
CBD-A	0.05	0.05	0.5	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.13	1.3	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 05/25/21 By: CBH

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

Regulated Microbials (Petrifilm) Analyzed: 5/21/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 5/22/2021 By: KRB

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

22.64 % 226.40 mg/g Total THC	0.05 % 0.47 mg/g Total CBD	26.80 % 268.00 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: 05/26/21 By: LEH

Pathogens	RL	ppb	Q
Aflatoxins	1.04	ND	V1
Ochratoxins	2.07	ND	M2

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification

Tabitha A. Hauer
Tabitha Hauer
Owner

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Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 05/25/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.104	ND	N1	Acequinocyl	0.518	ND	
Acetamiprid	0.052	ND		Aldicarb	0.104	ND	L1, V1
Azoxystrobin	0.052	ND	L1	Bifenthrin	0.052	ND	L1
Boscalid	0.104	ND		Carbaryl	0.052	ND	
Carbofuran	0.052	ND	L1	Chlorpyrifos	0.052	ND	
Diazinon	0.052	ND	V1	Dimethoate	0.052	ND	
Ethoprophos	0.052	ND		Etofenprox	0.104	ND	
Etoxazole	0.052	ND		Fenoxycarb	0.052	ND	
Fenpyroximate E	0.104	ND	L1	Fonicamid	0.259	ND	L1, N1
Fludioxonil	0.104	ND	L1, N1, V1	Hexythiazox	0.259	ND	
Imazalil	0.052	ND	L1	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	L1
Piperonyl butoxide	0.518	ND		Propiconazole	0.104	ND	L1
Propoxure	0.052	ND		Spiromesifen	0.052	ND	
Spirotetramat	0.052	ND	L1	Spiroxamine	0.104	ND	
Tebuconazole	0.104	ND	L1	Thiacloprid	0.052	ND	
Thiamethoxam	0.052	ND		Trifloxystrobin	0.052	ND	
Abamectin	0.130	ND		Bifenazate	0.052	ND	
Chlorantraniliprole	0.052	ND	L1	Clofentezine	0.052	ND	M2
Cyfluthrin	0.259	ND	L1, V1	Cypermethrin	0.259	ND	L1
Daminozide	0.259	ND	M2	DDVP (Dichlorvos)	0.005	ND	
Fipronil	0.104	ND	L1, N1, V1	Paclobutrazol	0.104	ND	L1, V1
Permethrins	0.052	ND	L1, N1, V1	Phosmet	0.052	ND	
Prallethrin	0.052	ND	V1, M2	Pyrethrins	0.259	ND	M1
Pyridaben	0.052	ND		Spinosad	0.052	ND	L1
Chlorfenapyr	0.104	ND	M2	Chlorfenapyr	0.104	ND	M2

Herbicides (LC-MS TQ) Analyzed: 05/29/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.021	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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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.
- 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- MS did not pass acceptance criteria for flonciamid, fludioxonil, fipronil, permethrins.

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