desert valley TESTING

51 W. Weldon Ave
Phoenix, AZ
(480) 788-6644
www.desertvalleytesting.com

Certificate of Analysis

00000003LCIN00627986

Tierra Grow Management LLC

License#:
4002 N 36th Avenue
Phoenix, AZ 85019
480-471-8633

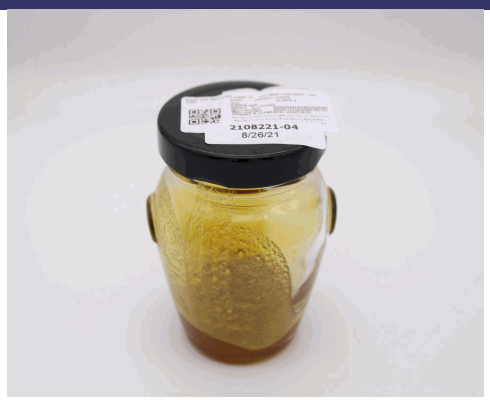
Additional Licenses:
Batch #: C-CHYB3; External Lot #:
Sample Batch Collection:08/26/21 11:54; Sample Batch Collected By:Tierra Grow Managem
Sample Received:8/26/2021; Report Created: 9/10/2021

Batter Blunt Concentrate

Laboratory Number: 2108221-04
Concentrates

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

Sample Image



Cannabinoid (HPLC) Analyzed: 09/01/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	1.93	51.17	512	D1
delta 9-THC	1.93	31.04	310	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.25	2.50	
CBG-A	0.10	0.59	5.92	
CBD-A	0.10	0.11	1.12	
CBD	0.10	0.24	2.35	
CBD-V	0.10	ND	ND	
CBN	0.10	0.36	3.59	
CBG	0.10	1.06	10.6	
CBC	0.10	0.14	1.39	

75.90 % 759.00 mg/g	0.34 % 3.34 mg/g	85.00 % 850.00 mg/g
Total THC	**Total CBD**	**Total Cannabinoids**

Total THC = THCa * 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDa * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 09/03/21 By: LEH

Pathogens	RL	ppb	Q
Aflatoxins	1.01	ND	M2
Ochratoxins	2.03	ND	M1, V1

Residual Solvents (GCMS-MS) Analyzed: 09/03/21 By: KSG

Analyte	RL	ppm	Q
Propane	625.00	ND	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	

Metals (ICP-MS) Analyzed: 09/03/21 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: 9/1/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 9/3/2021 By: LEF

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

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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 09/03/21 By: MLC

Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.203	ND		Acequinocyl	1.01	ND	
Acetamiprid	0.101	ND		Aldicarb	0.203	ND	
Azoxystrobin	0.101	ND		Bifenthrin	0.101	ND	
Boscalid	0.203	ND		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	0.203	ND	
Etoxazole	0.101	ND		Fenoxycarb	0.101	ND	
Fenpyroximate E	0.203	ND		Flonicamid	0.507	ND	
Fludioxonil	0.203	ND		Hexythiazox	0.507	ND	
Imazalil	0.101	ND		Imidacloprid	0.203	ND	
Kresoxim-methyl	0.203	ND		Malathion	0.101	ND	
Metalaxyl	0.101	ND		Methiocarb	0.101	ND	
Methomyl	0.203	ND		Myclobutanil	0.101	ND	
Naled	0.253	ND		Oxamyl	0.507	ND	
Piperonyl butoxide	1.01	ND		Propiconazole	0.203	ND	
Propoxure	0.101	ND		Spiromesifen	0.101	ND	
Spirotetramat	0.101	ND		Spiroxamine	0.203	ND	
Tebuconazole	0.203	ND		Thiacloprid	0.101	ND	
Thiamethoxam	0.101	ND		Trifloxystrobin	0.101	ND	
Abamectin	0.253	ND		Bifenazate	0.101	ND	
Chlorantraniliprole	0.101	ND		Clofentezine	0.101	ND	
Cyfluthrin	1.01	ND		Cypermethrin	0.507	ND	
Daminozide	0.507	ND	V1	DDVP (Dichlorvos)	0.051	ND	
Fipronil	0.203	ND		Paclobutrazol	0.203	ND	
Permethrins	0.101	ND		Phosmet	0.101	ND	
Prallethrin	0.101	ND	V1	Pyrethrins	0.507	ND	
Pyridaben	0.101	ND	M2	Spinosad	0.101	ND	
Chlorfenapyr	1.01	ND	L1				

Herbicides (LC-MS TQ) Analyzed: By:

Analyte	RL	ppm	Q
Pendimethalin	NT	NT	

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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	

Water Activity (Moisture Reacter) Analyzed: By:		AW	Q
Compound			
Water Activity		NT	

Moisture (Drying Oven) Analyzed: By:		%	Q
Compound			
Percent Moisture	NT	NT	

pH Test (HannHI11310) Analyzed: By:		NA	Q
Compound			
pH		NT	

Terpenes (GCMS-MS) Analyzed: By:	mg/g	%	Q
Compound			
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	

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QUALIFIER DEFINTIONS 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.
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 does not meet acceptance criteria (butanes)

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