

High Grade Confidential

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

Additional Licenses:
Batch #: 120407213789; External Lot #:
Sample Batch Collection: 08/27/21 12:18; Sample Batch Collected By: High Grade Confiden
Sample Received: 8/27/2021; Report Created: 9/10/2021

Dr. Who Budder

Laboratory Number: 2108231-03
Concentrates

Herbicides Not Tested	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: 09/08/21 By: LEH

Analyte	RL	ppm	Q
Propane	625.00	ND	L1, N1, V1
Butanes	625.00	ND	L1, N1, V1
Pentanes	145.00	ND	L1, N1, V1
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	V1
Hexanes	145.00	ND	
Chloroform	30.00	ND	V1
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	M1, V1
Ethanol	2500.0	ND	
Diethyl Ether	2500.0	ND	V1
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	V1
Isopropyl acetate	2500.0	ND	
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	

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

Analyte	LOQ %	%	mg/g	Q
THC-A	2.08	85.87	859	D1
delta 9-THC	0.10	5.63	56.3	
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.30	3.04	
CBG-A	0.10	1.81	18.1	
CBD-A	0.10	0.20	1.96	
CBD	0.10	2.24	22.4	
CBD-V	0.10	ND	ND	
CBN	0.10	ND	ND	
CBG	0.10	0.96	9.61	
CBC	0.10	0.22	2.22	

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: 8/29/2021 By: LEF

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	

80.93 % 809.30 mg/g Total THC	2.41 % 24.12 mg/g Total CBD	97.20 % 972.00 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: 09/03/21 By: LEH

Pathogens	RL	ppb	Q
Aflatoxins	1.05	ND	M2
Ochratoxins	2.09	ND	M1, V1

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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	0.209	ND		Acequinocyl	1.05	ND	
Acetamiprid	0.105	ND		Aldicarb	0.209	ND	
Azoxystrobin	0.105	ND		Bifenthrin	0.105	ND	
Boscalid	0.209	ND		Carbaryl	0.105	ND	
Carbofuran	0.105	ND		Chlorpyrifos	0.105	ND	
Diazinon	0.105	ND		Dimethoate	0.105	ND	
Ethoprophos	0.105	ND		Etofenprox	0.209	ND	
Etoxazole	0.105	ND		Fenoxycarb	0.105	ND	
Fenpyroximate E	0.209	ND		Fonicamid	0.524	ND	
Fludioxonil	0.209	ND		Hexythiazox	0.524	ND	
Imazalil	0.105	ND		Imidacloprid	0.209	ND	
Kresoxim-methyl	0.209	ND		Malathion	0.105	ND	
Metalaxyl	0.105	ND		Methiocarb	0.105	ND	
Methomyl	0.209	ND		Myclobutanil	0.105	ND	
Naled	0.262	ND		Oxamyl	0.524	ND	
Piperonyl butoxide	1.05	ND		Propiconazole	0.209	ND	
Propoxure	0.105	ND		Spiromesifen	0.105	ND	
Spirotetramat	0.105	ND		Spiroxamine	0.209	ND	
Tebuconazole	0.209	ND		Thiacloprid	0.105	ND	
Thiamethoxam	0.105	ND		Trifloxystrobin	0.105	ND	
Abamectin	0.262	ND		Bifenazate	0.105	ND	
Chlorantraniliprole	0.105	ND		Clofentezine	0.105	ND	
Cyfluthrin	1.05	ND		Cypermethrin	0.524	ND	
Daminozide	0.524	ND	V1	DDVP (Dichlorvos)	0.052	ND	
Fipronil	0.209	ND		Paclobutrazol	0.209	ND	
Permethrins	0.105	ND		Phosmet	0.105	ND	
Prallethrin	0.105	ND	V1	Pyrethrins	0.524	ND	
Pyridaben	0.105	ND	M2	Spinosad	0.105	ND	
Chlorfenapyr	1.05	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

Terpenes (GCMS-MS) Analyzed: By:		
Compound	mg/g	%
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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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: MS does not meet acceptance criteria (propane, butanes, pentanes)

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