

## High Grade Confidential

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

Additional Licenses:  
Batch #: 010512213710

Sample Batch Collection: 07/07/21 11:02; Sample Batch Collected By: High Grade Confiden  
Sample Received: 7/7/2021; Report Created: 7/29/2021

Dr. Who Sugar Wax

Laboratory Number: 2107056-01  
Concentrates

<b>Herbicides</b> PASS	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>Metals</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> PASS
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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 07/28/21 By: KSG

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	
Pentanes	145.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	
Hexanes	145.00	ND	
Chloroform	30.00	ND	L1, N1
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	L1
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: 07/21/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	1.95	91.57	916	D1
delta 9-THC	0.10	3.06	30.6	
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.18	1.77	
CBG-A	0.10	0.56	5.65	
CBD-A	0.10	ND	ND	
CBD	0.10	0.11	1.07	
CBD-V	0.10	ND	ND	
CBN	0.10	ND	ND	
CBG	0.10	0.20	1.97	
CBC	0.10	ND	ND	

Metals (ICP-MS) Analyzed: 07/22/21 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: 7/13/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 7/12/2021 By: LEF

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

83.36 % 833.60 mg/g <b>Total THC</b>	0.11 % 1.07 mg/g <b>Total CBD</b>	95.70 % 957.00 mg/g <b>Total Cannabinoids</b>
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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: 07/27/21 By: MLC

Pathogens	RL	ppb	Q
Aflatoxins	0.959	ND	
Ochratoxins	1.92	ND	

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: 07/23/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.192	ND	V1	Acequinocyl	0.959	ND	
Acetamiprid	0.096	ND		Aldicarb	0.192	ND	L1, N1, V1
Azoxystrobin	0.096	ND	V1	Bifenthrin	0.096	ND	
Boscalid	0.192	ND	L1	Carbaryl	0.096	ND	
Carbofuran	0.096	ND		Chlorpyrifos	0.096	ND	
Diazinon	0.096	ND		Dimethoate	0.096	ND	
Ethoprophos	0.096	ND		Etofenprox	0.192	ND	
Etoxazole	0.096	ND		Fenoxycarb	0.096	ND	
Fenpyroximate E	0.192	ND		Fonicamid	0.480	ND	
Fludioxonil	0.192	ND	V1	Hexythiazox	0.480	ND	
Imazalil	0.096	ND	V1	Imidacloprid	0.192	ND	
Kresoxim-methyl	0.192	ND		Malathion	0.096	ND	
Metalaxyl	0.096	ND		Methiocarb	0.096	ND	
Methomyl	0.192	ND		Myclobutanil	0.096	ND	
Naled	0.240	ND		Oxamyl	0.480	ND	V1
Piperonyl butoxide	0.959	ND		Propiconazole	0.192	ND	
Propoxure	0.096	ND		Spiromesifen	0.096	ND	
Spirotetramat	0.096	ND		Spiroxamine	0.192	ND	
Tebuconazole	0.192	ND		Thiacloprid	0.096	ND	
Thiamethoxam	0.096	ND		Trifloxystrobin	0.096	ND	
Abamectin	0.240	ND	V1	Bifenazate	0.096	ND	
Chlorantraniliprole	0.096	ND		Clofentezine	0.096	ND	
Cyfluthrin	0.959	ND		Cypermethrin	0.480	ND	
Daminozide	0.480	ND	V1	DDVP (Dichlorvos)	0.048	ND	
Fipronil	0.192	ND	M1, V1	Paclobutrazol	0.192	ND	V1
Permethrins	0.096	ND		Phosmet	0.096	ND	
Prallethrin	0.096	ND		Pyrethrins	0.480	ND	
Pyridaben	0.096	ND		Spinosad	0.096	ND	V1
Chlorfenapyr	0.959	ND					

Herbicides (LC-MS TQ) Analyzed: 07/25/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.048	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
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
<b>Compound</b>			
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
<b>Total Terpenes</b>	NT	NT	Q3

Water Activity (Moisture Reacter) Analyzed: By:

	AW	Q
<b>Compound</b>		
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

	%	Q
<b>Compound</b>		
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

	NA	Q
<b>Compound</b>		
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.
- 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 - Chloroform matrix spike recovery outside acceptance criteria.
- N1-Aldicarb RPD between BS and BSD did not meet acceptance criteria.

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