

Obelisk/Achieve

License #: 1615490FACF133205187
1039 E. Carefree Hwy
Phoenix, AZ 85085
(602) 224-5999

Additional Licenses:
Batch #: GM031622LRSC; External Lot #:
Source Batch #:
Sample Batch Collection: 09/29/23 15:00
Sample Received: 9/29/2023; Report Created: 10/9/2023

Gush Mintz LR Cart

Laboratory Number: 2309083-09

Matrix: Concentrates

Metals PASS	Pesticides PASS	Residual Solvents PASS	E. coli PASS	Mycotoxins PASS	Aspergillus PASS	Salmonella PASS
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Sample Image



Residual Solvents (GC-MS) Analyzed: 10/04/23 By: ZEN

SOP: 004	RL	ppm	Q
Propane	635.16	ND	
Butanes	2853.9	4991.1	D1, M1
Pentanes	147.36	ND	
Acetonitrile	208.33	ND	
Dichloromethane	304.88	ND	
Hexanes	147.36	ND	
Chloroform	30.49	ND	
n-Heptane	2540.6	ND	
Methanol	1524.4	ND	
Ethanol	2540.6	ND	
Diethyl Ether	2540.6	ND	
Acetone	508.13	ND	
Isopropanol	2540.6	ND	
Ethyl acetate	2540.6	ND	
Isopropyl acetate	2540.6	ND	
Benzene	1.02	ND	
Toluene	452.24	ND	
Xylenes	101.63	ND	

Cannabinoid (HPLC-DAD) Analyzed: 10/05/23 By: MLC

SOP: 003	LOQ %	%	mg/g	Q
THC-A	1.45	16.75	167.5	D1
delta 9-THC	1.45	61.92	619.2	D1
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.35	3.5	
CBG-A	0.05	1.30	13	
CBD-A	0.05	0.18	1.8	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	0.16	1.6	
CBG	0.05	0.28	2.8	
CBC	0.05	ND	ND	
delta 8 THC-V	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 10/05/23 By: ZEN

SOP: 035	RL	ppm	Q
Arsenic	0.096	ND	
Cadmium	0.096	ND	
Lead	0.241	ND	
Mercury	0.096	ND	

Microbials (Petrifilm) Analyzed: 10/6/2023 By: MLC

SOP : 023	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Microbials (PCR) Analyzed: 10/6/2023 By: TAM

SOP: 015	RL	Result	Units	Q
Aspergillus flavus, fumigatus or niger	1.00	Not Detected	per gram	
Aspergillus terreus	1.00	Not Detected	per gram	

Microbials (PCR) Analyzed: 10/4/2023 By: TAM

SOP: 028	RL	Result	Units	Q
Salmonella	1.00	Not Detected	per gram	


76.61 % 766.10 mg/g Total THC	0.16 % 1.58 mg/g Total CBD	80.94 % 809.40 mg/g Total Cannabinoids ^{Q3}
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Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDA * 0.877 + CBD

Mycotoxins (LC-MS/MS) Analyzed: 10/06/23 By: EGP

SOP: 011	RL	ppb	Q
Aflatoxins	9.94	ND	M2
Ochratoxins	9.94	ND	

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Erin Polly
Technical Laboratory Director



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Pesticides (LC-MS/MS) Analyzed: 10/06/23 By: VAM							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.199	ND		Acequinocyl	0.994	ND	M2
Acetamiprid	0.099	ND		Aldicarb	0.199	ND	M2
Azoxystrobin	0.099	ND	M2	Bifenthrin	0.099	ND	
Boscalid	0.199	ND		Carbaryl	0.099	ND	M2
Carbofuran	0.099	ND	M2	Chlorpyrifos	0.099	ND	
Diazinon	0.099	ND	M2	Dimethoate	0.099	ND	
Ethoprophos	0.099	ND	M2	Etofenprox	0.199	ND	
Etoxazole	0.099	ND		Fenoxycarb	0.099	ND	M2
Fenpyroximate E	0.199	ND		Fonicamid	0.497	ND	
Fludioxonil	0.199	ND	M2	Hexythiazox	0.497	ND	
Imazalil	0.099	ND	M2	Imidacloprid	0.199	ND	
Kresoxim-methyl	0.199	ND		Malathion	0.099	ND	M2
Metalaxyl	0.099	ND	M2	Methiocarb	0.099	ND	M2
Methomyl	0.199	ND		Myclobutanil	0.099	ND	
Naled	0.249	ND		Oxamyl	0.497	ND	
Piperonyl butoxide	0.994	ND		Propiconazole	0.199	ND	
Propoxure	0.099	ND		Spiromesifen	0.099	ND	
Spirotetramat	0.099	ND		Spiroxamine	0.199	ND	M2
Tebuconazole	0.199	ND		Thiacloprid	0.099	ND	M2
Thiamethoxam	0.099	ND		Trifloxystrobin	0.099	ND	
Abamectin	0.249	ND		Bifenazate	0.099	ND	L1
Chlorantraniliprole	0.099	ND		Clofentezine	0.099	ND	M2
Cyfluthrin	0.994	ND		Cypermethrin	0.497	ND	
Daminozide	0.497	ND	L1	DDVP (Dichlorvos)	0.050	ND	
Fipronil	0.199	ND	M2	Paclobutrazol	0.199	ND	M2
Permethrins	0.099	ND	M2	Phosmet	0.099	ND	M2
Prallethrin	0.099	ND		Pyrethrins	0.497	ND	
Pyridaben	0.099	ND	M2	Spinosad	0.099	ND	
Chlorfenapyr	0.994	ND	M2, R1, V1				

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Microbials (Petrifilm) Analyzed: By:				
SOP: 006	RL	Result	Units	Q
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

Terpenes (GC-MS) Analyzed: 10/04/23 By: ZEN			
SOP: 005	mg/g	%	Q
alpha-Bisabolol	ND	ND	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	ND	ND	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	8.7	0.87	Q3
Caryophyllene Oxide	ND	ND	Q3
alpha-Cedrene	ND	ND	Q3
Cedrol	ND	ND	Q3
Endo-fenchyl Alcohol	1.6	0.16	Q3
Eucalyptol	ND	ND	Q3
Fenchone	ND	ND	Q3
Geraniol	ND	ND	Q3
Geranyl acetate	ND	ND	Q3
Guaiol	ND	ND	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	3.5	0.35	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	19	1.88	Q3
Linalool	3.9	0.39	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	4.9	0.49	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	1.4	0.14	Q3
beta-Pinene	1.9	0.19	Q3
Pulegone	ND	ND	Q3
Sabinene	ND	ND	Q3
Sabinene Hydrate	ND	ND	Q3
gamma-Terpinene	ND	ND	Q3
alpha-Terpinene	ND	ND	Q3
3-Carene	ND	ND	Q3
Terpineol	2.3	0.23	Q3
Terpinolene	ND	ND	Q3
Valencene	ND	ND	Q3
Nerol	ND	ND	Q3
cis-Nerolidol	1.1	0.11	Q3
Total Terpenes	48.10	4.82	Q3

Water Activity (Water Activity Meter) Analyzed: By:			
SOP: 007	AW, 25 °C		Q
Water Activity		NT	Q3

Moisture (Moisture Analyzer) Analyzed: By:			
SOP: 008	%		Q
Percent Moisture		NT	Q3

pH Test (pH Meter) Analyzed: By:			
SOP: 022	NA		Q
pH		NT	Q3

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QUALIFIER DEFINITIONS

- 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.
- 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) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

CASE NARRATIVE

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