



**Obelisk/Achieve**

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

Additional Licenses:  
Batch #: ICC050822; External Lot #:  
Source Batch #:  
Sample Batch Collection: 03/31/23 10:00  
Sample Received: 3/31/2023; Report Created: 4/7/2023

**Ice Cream Cake RSO**

Laboratory Number: 2303115-02  
Matrix: Concentrates

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



**Residual Solvents (GC-MS) Analyzed: 04/05/23 By: ZEN**

SOP: 004	RL	ppm	Q
Propane	628.14	ND	
Butanes	628.14	ND	
Pentanes	145.73	ND	
Acetonitrile	206.03	ND	
Dichloromethane	301.51	ND	
Hexanes	145.73	ND	
Chloroform	30.15	ND	
n-Heptane	2512.6	ND	
Methanol	1507.5	ND	
Ethanol	2512.6	ND	
Diethyl Ether	2512.6	ND	
Acetone	502.51	ND	
Isopropanol	2512.6	ND	
Ethyl acetate	2512.6	ND	
Isopropyl acetate	2512.6	ND	
Benzene	1.01	ND	
Toluene	447.24	ND	
Xylenes	100.50	ND	

**Cannabinoid (HPLC-DAD) Analyzed: 04/06/23 By: EGP**

SOP: 003	LOQ %	%	mg/g	Q
THC-A	0.05	ND	ND	
delta 9-THC	1.62	77.18	771.8	D1
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.23	2.3	
CBG-A	0.05	0.09	0.9	
CBD-A	0.05	0.06	0.6	
CBD	0.05	0.59	5.9	
CBD-V	0.05	ND	ND	
CBN	0.05	0.46	4.6	
CBG	0.05	2.32	23	
CBC	0.05	0.89	8.9	

**Metals (ICP-MS) Analyzed: 04/06/23 By: MLC**

SOP: 035	RL	ppm	Q
Arsenic	0.097	ND	
Cadmium	0.097	ND	
Lead	0.243	ND	
Mercury	0.097	ND	

**Microbials (Petrifilm) Analyzed: 4/4/2023 By: ATF**

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

**Microbials (PCR) Analyzed: 4/7/2023 By: ATF**

SOP: 015	RL	Result	Units	Q
Aspergillus	1.00	Not Detected	per gram	

**Microbials (PCR) Analyzed: 4/6/2023 By: SPS**

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

77.18 % 771.80 mg/g <b>Total THC</b>	0.64 % 6.43 mg/g <b>Total CBD</b>	81.82 % 818.00 mg/g <b>Total Cannabinoids</b>
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Total THC = THCa \* 0.877 + delta 9-THC; Total CBD = CBDA \* 0.877 + CBD

**Mycotoxins (LC-MS/MS) Analyzed: 04/07/23 By: KSG**

SOP: 011	RL	ppb	Q
Aflatoxins	10.5	ND	
Ochratoxins	10.5	ND	

RL = Reporting Limit  
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Erin Polly  
Technical Laboratory Director



Testing results were obtained according to requirements in the quality assurance plan in R9-17-404.05, in the applicable standard operating procedure, and in R9-17-404.03 or R9-17-404.04. Any variances from these requirements, and the reason for the variance, will be documented in the case narrative. Values reported only relate to the product tested. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full without the written approval of Desert Valley Testing.



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**Certificate of Analysis**  
ISO/IEC 17025:2017 Certificate #: AT-2837  
License #: 00000003LCIN00627986

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Pesticides (LC-MS/MS) Analyzed: 04/05/23 By: KSG							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.210	ND		Acequinocyl	1.05	ND	N1
Acetamiprid	0.105	ND		Aldicarb	0.210	ND	
Azoxystrobin	0.105	ND		Bifenthrin	0.105	ND	
Boscalid	0.210	ND	N1	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	0.210	ND	
Etoxazole	0.105	ND		Fenoxycarb	0.105	ND	
Fenpyroximate E	0.210	ND		Fonicamid	0.525	ND	N1, V1
Fludioxonil	0.210	ND		Hexythiazox	0.525	ND	
Imazalil	0.105	ND		Imidacloprid	0.210	ND	
Kresoxim-methyl	0.210	ND		Malathion	0.105	ND	
Metalaxyl	0.105	ND		Methiocarb	0.105	ND	
Methomyl	0.210	ND		Myclobutanil	0.105	ND	L1, R1
Naled	0.263	ND		Oxamyl	0.525	ND	
Piperonyl butoxide	1.05	ND		Propiconazole	0.210	ND	N1
Propoxure	0.105	ND		Spiromesifen	0.105	ND	
Spirotetramat	0.105	ND		Spiroxamine	0.210	ND	
Tebuconazole	0.210	ND	N1, V1	Thiacloprid	0.105	ND	
Thiamethoxam	0.105	ND		Trifloxystrobin	0.105	ND	
Abamectin	0.263	ND		Bifenazate	0.105	ND	R1
Chlorantraniliprole	0.105	ND		Clofentezine	0.105	ND	
Cyfluthrin	1.05	ND	V1	Cypermethrin	0.525	ND	
Daminozide	0.525	ND	L1, N1, V1	DDVP (Dichlorvos)	0.053	ND	N1
Fipronil	0.210	ND		Paclobutrazol	0.210	ND	N1, V1
Permethrins	0.105	ND		Phosmet	0.105	ND	
Prallethrin	0.105	ND		Pyrethrins	0.525	ND	
Pyridaben	0.105	ND		Spinosad	0.105	ND	
Chlorfenapyr	1.05	ND					

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Microbials (Petrifilm) Analyzed: By:				
SOP: 006	RL	Result	Units	Q
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	

Terpenes (GC-MS) Analyzed: 04/05/23 By: MLC			
SOP: 005	mg/g	%	Q
alpha-Bisabolol	ND	ND	
(-)-Borneol and (+)-Borneol	ND	ND	
Camphene	ND	ND	
Camphor	ND	ND	
beta-Caryophyllene	ND	ND	
trans-Caryophyllene	6.3	0.63	
Caryophyllene Oxide	ND	ND	
alpha-Cedrene	ND	ND	
Cedrol	ND	ND	
Endo-fenchyl Alcohol	ND	ND	
Eucalyptol	ND	ND	
Fenchone	ND	ND	
Geraniol	ND	ND	
Geranyl acetate	ND	ND	
Guaiol	ND	ND	
Hexahydrothymol	ND	ND	
alpha-Humulene	3.3	0.33	
Isoborneol	ND	ND	
Isopulegol	ND	ND	
Limonene	1.6	0.16	
Linalool	5.5	0.55	
p-Mentha-1,5-diene	ND	ND	
beta-Myrcene	ND	ND	
trans-Nerolidol	ND	ND	
Ocimene	ND	ND	
alpha-Pinene	ND	ND	
beta-Pinene	ND	ND	
Pulegone	ND	ND	
Sabinene	ND	ND	
Sabinene Hydrate	ND	ND	
gamma-Terpinene	ND	ND	
alpha-Terpinene	ND	ND	
3-Carene	ND	ND	
Terpineol	1.8	0.18	
Terpinolene	ND	ND	
Valencene	ND	ND	
Nerol	ND	ND	
cis-Nerolidol	ND	ND	
<b>Total Terpenes</b>	<b>18.50</b>	<b>1.85</b>	

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

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

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

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**QUALIFIER DEFINITIONS**

- 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.
- N1 Variance from ADHS requirements; see description in 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) 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**

N1 - The recovery from initial calibration verification standard exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample (Acequinocyl, Boscalid, Daminozide, Dichlorvos, Flonicamid, Paclobutrazol, Propiconazole, Tebuconazole)

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