



Obelisk/Achieve

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

Additional Licenses:
Batch #: CV1005; External Lot #:
Source Batch #:
Sample Batch Collection: 08/02/23 11:00
Sample Received: 8/2/2023; Report Created: 8/9/2023

Distillate Bulk

Laboratory Number: 2308008-01
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: 08/07/23 By: ZEN

SOP: 004	RL	ppm	Q
Propane	628.77	ND	
Butanes	628.77	ND	M1
Pentanes	145.88	ND	
Acetonitrile	206.24	ND	
Dichloromethane	301.81	ND	
Hexanes	145.88	ND	
Chloroform	30.18	ND	
n-Heptane	2515.1	ND	
Methanol	1509.1	ND	
Ethanol	2515.1	ND	
Diethyl Ether	2515.1	ND	
Acetone	503.02	ND	
Isopropanol	2515.1	ND	
Ethyl acetate	2515.1	ND	
Isopropyl acetate	2515.1	ND	
Benzene	1.01	ND	
Toluene	447.69	ND	
Xylenes	100.60	ND	

Cannabinoid (HPLC-DAD) Analyzed: 08/08/23 By: MLC

SOP: 003	LOQ %	%	mg/g	Q
THC-A	0.05	ND	ND	
delta 9-THC	1.53	87.30	873	D1
delta 8-THC	0.05	ND	ND	
THC-V	0.05	0.33	3.3	
CBG-A	0.05	ND	ND	
CBD-A	0.05	ND	ND	
CBD	0.05	0.32	3.2	
CBD-V	0.05	ND	ND	
CBN	0.05	2.39	24	
CBG	0.05	3.14	31	
CBC	0.05	0.47	4.7	
delta 8 THC-V	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 08/08/23 By: ZEN

SOP: 035	RL	ppm	Q
Arsenic	0.096	ND	V1
Cadmium	0.096	ND	
Lead	0.239	0.322	
Mercury	0.096	ND	

Microbials (Petrifilm) Analyzed: 8/9/2023 By: MLC

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

Microbials (PCR) Analyzed: 8/9/2023 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: 8/8/2023 By: TAM

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

87.30 % 873.00 mg/g Total THC	0.32 % 3.20 mg/g Total CBD	93.95 % 939.20 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: 08/09/23 By: EGP

SOP: 011	RL	ppb	Q
Aflatoxins	9.98	ND	L1
Ochratoxins	9.98	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: 08/08/23 By: EGP							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.200	ND		Acequinocyl	0.998	ND	L1, R1
Acetamiprid	0.100	ND		Aldicarb	0.200	ND	
Azoxystrobin	0.100	ND		Bifenthrin	0.100	ND	L1, R1
Boscalid	0.200	ND	R1	Carbaryl	0.100	ND	
Carbofuran	0.100	ND		Chlorpyrifos	0.100	ND	L1, R1
Diazinon	0.100	ND		Dimethoate	0.100	ND	
Ethoprophos	0.100	ND		Etofenprox	0.200	ND	
Etoxazole	0.100	ND		Fenoxycarb	0.100	ND	R1
Fenpyroximate E	0.200	ND		Fonicamid	0.499	ND	
Fludioxonil	0.200	ND		Hexythiazox	0.499	ND	L1, R1
Imazalil	0.100	ND		Imidacloprid	0.200	ND	
Kresoxim-methyl	0.200	ND		Malathion	0.100	ND	
Metalaxyl	0.100	ND		Methiocarb	0.100	ND	
Methomyl	0.200	ND		Myclobutanil	0.100	ND	
Naled	0.250	ND		Oxamyl	0.499	ND	
Piperonyl butoxide	0.998	ND		Propiconazole	0.200	ND	R1
Propoxure	0.100	ND		Spiromesifen	0.100	ND	
Spirotetramat	0.100	ND		Spiroxamine	0.200	ND	
Tebuconazole	0.200	ND	L1, R1	Thiacloprid	0.100	ND	
Thiamethoxam	0.100	ND		Trifloxystrobin	0.100	ND	
Abamectin	0.250	ND	L1, R1	Bifenazate	0.100	ND	
Chlorantraniliprole	0.100	ND		Clofentezine	0.100	ND	L1, R1
Cyfluthrin	0.998	ND	L1, R1	Cypermethrin	0.499	ND	L1, R1
Daminozide	0.499	ND	L1	DDVP (Dichlorvos)	0.050	ND	
Fipronil	0.200	ND	M1	Paclobutrazol	0.200	ND	
Permethrins	0.100	ND	L1, R1	Phosmet	0.100	ND	
Prallethrin	0.100	ND	L1, R1	Pyrethrins	0.499	ND	L1, M1, R1
Pyridaben	0.100	ND		Spinosad	0.100	ND	L1
Chlorfenapyr	0.998	ND					

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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: By:			
SOP: 005	mg/g	%	Q
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
Total Terpenes	NT	NT	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.
- 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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