

ReLeaf Brands - Medmar Tanque Verde LLC  
#00000081DCPK00962019 #00000039ESEZ33667642  
Soil, Sun, Love - Cactus Bloom Facilities Management LLC  
#00000144ESQK21738687

Batch#: KO RTZ 147C  
Strain: KO RTZ  
Extraction Method: Butane  
Harvest Date: 4/10/23  
Manufacture Date: 5/10/23

Ingredients: 100% Cannabis Extract.

Cultivated by Medmar Tanque Verde LLC #00000081DCPK00962019  
Infused or prepared for sale by Medmar Tanque Verde LLC #00000081DCPK00962019  
Tested at: Level One Labs  
Distributed to Desert Bloom ReLeaf Center #00000081DCPK00962019  
#00000039ESEZ33667642,  
ReLeaf 85624 #00000144ESQK21738687.

**ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:**

Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. KEEP OUT OF REACH OF CHILDREN.

Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

**Releaf Brands**

8060 E 22nd St  
Tucson, AZ 85710  
hannatempesta@gmail.com  
(650) 678-4037  
Lic. #00000081DCPK00962019


**Sample: 2305LVL0499.2778**

Secondary License: ; Chain of Distribution:  
Strain: KO RTZ 147C; Batch Size: 16 g; External Batch ID: 147C  
Sample Received: 05/12/2023; Report Created: 05/13/2024; Report Expiration: 05/13/2025  
Sampling Date: 05/10/2023; Sampling Time: ; Sampling Person:  
Harvest Date: ; Manufacturing Date: ; External Lot ID: 00218

**KO RTZ 147C**

Concentrates & Extracts, Sugar Wax, Butane  
Using Marijuana During Pregnancy could cause birth defects or other health issues to your unborn child.  
Distribution Chain/Intended Sale: Medmar Tanque Verde LLC, Desert Bloom Re-leaf Center, Releaf85624



	<b>62.86%</b>	<b>ND</b>	<b>76.22%</b>
	Total THC	Total CBD	
	<b>37.58 mg/g</b>	<b>Not Tested</b>	Total Cannabinoids
	Total Terpenes	NT Moisture	

**Cannabinoids**

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.627	67.815	678.15	
Δ9-THC	0.627	3.385	33.85	
Δ8-THC	0.627	ND	ND	Q3
THCVa	0.627	<LOQ	<LOQ	Q3
THCV	0.627	ND	ND	Q3
CBDa	0.627	ND	ND	
CBD	0.627	ND	ND	
CBDVa	0.627	ND	ND	Q3
CBDV	0.627	ND	ND	Q3
CBN	0.627	ND	ND	Q3
CBGa	0.627	5.022	50.22	Q3
CBG	0.627	ND	ND	Q3
CBCa	0.627	NR	NR	Q3
CBC	0.627	ND	ND	Q3
<b>Total</b>		<b>76.222</b>	<b>762.22</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 05/15/2023 07:00 am

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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## Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier		
	mg/g	mg/g	%		mg/g	mg/g	%		
δ-Limonene	0.80	10.69	1.069	Q3	Eucalyptol	0.40	NT	NT	Q3
β-Caryophyllene	0.80	9.67	0.967	Q3	Farnesene	0.07	NT	NT	Q3
β-Myrcene	0.40	6.30	0.630	Q3	Fenchol	0.40	NT	NT	Q3
Linalool	0.80	3.66	0.366	Q3	Fenchone	0.80	NT	NT	Q3
α-Humulene	0.40	3.38	0.338	Q3	γ-Terpinene	0.40	NT	NT	Q3
α-Terpineol	0.65	1.68	0.168	Q3	γ-Terpineol	0.09	NT	NT	Q3
α-Pinene	0.40	1.34	0.134	Q3	Geraniol	8.02	NT	NT	Q3
β-Pinene	0.80	0.86	0.086	Q3	Geranyl Acetate	0.40	NT	NT	Q3
3-Carene	0.80	NT	NT	Q3	Guaiol	0.40	NT	NT	Q3
α-Bisabolol	0.40	NT	NT	Q3	Isoborneol	4.01	NT	NT	Q3
α-Cedrene	0.40	NT	NT	Q3	Isopulegol	0.40	NT	NT	Q3
α-Phellandrene	0.40	NT	NT	Q3	Menthol	0.40	NT	NT	Q3
α-Terpinene	0.40	NT	NT	Q3	Nerol	0.40	NT	NT	Q3
β-Eudesmol	0.40	NT	NT	Q3	Pulegone	0.40	NT	NT	Q3
Borneol	1.20	NT	NT	Q3	p-Cymene	0.40	NT	NT	Q3
Camphene	0.40	<LOQ	<LOQ	Q3	Sabinene	0.40	NT	NT	Q3
Camphor	1.60	NT	NT	Q3	Sabinene Hydrate	0.40	NT	NT	Q3
Caryophyllene	0.40	NT	NT	Q3	Terpinolene	0.80	<LOQ	<LOQ	Q3
Oxide					trans-Nerolidol	0.40	NT	NT	Q3
Cedrol	0.40	NT	NT	Q3	trans-Ocimene	0.26	NT	NT	Q3
cis-Nerolidol	0.80	NT	NT	Q3	Valencene	0.40	NT	NT	Q3
cis-Ocimene	0.12	NT	NT	Q3					
Citronellol	4.01	NT	NT	Q3					


## Primary Aromas




Lemon




Cinnamon



Hops



Lavender



Pine

**37.58 mg/g**  
Total Terpenes

Qualifiers:  
Date Tested: 05/12/2023 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Qualifying code Q3: For informational purposes only.

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**Residual Solvents**

**Pass**

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	349.323	1000.000	ND	Pass	
Acetonitrile	142.002	410.000	ND	Pass	
Benzene	0.695	2.000	ND	Pass	V1 M1
Butanes	2324.178	5000.000	ND	Pass	M1 L1
Chloroform	20.918	60.000	ND	Pass	
Dichloromethane	212.563	600.000	ND	Pass	
Ethanol	1733.172	5000.000	ND	Pass	
Ethyl-Acetate	1734.816	5000.000	ND	Pass	
Ethyl-Ether	1728.046	5000.000	ND	Pass	
Heptane	1730.561	5000.000	ND	Pass	
Hexanes	99.758	290.000	ND	Pass	
Isopropanol	1725.048	5000.000	ND	Pass	
Isopropyl-Acetate	1728.240	5000.000	ND	Pass	
Methanol	1034.236	3000.000	ND	Pass	
Pentanes	1739.458	5000.000	ND	Pass	
Toluene	311.257	890.000	ND	Pass	
Xylenes	745.764	2170.000	ND	Pass	

**LEVEL ONE**

Qualifiers:  
Date Tested: 05/12/2023 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.

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**Pesticides**

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass		Hexythiazox	0.050	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	M2
Acetamiprid	0.050	0.200	ND	Pass		Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.050	0.200	ND	Pass	
Bifenazate	0.050	0.200	ND	Pass	M2	Metalaxyl	0.050	0.200	ND	Pass	
Bifenthrin	0.050	0.200	ND	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.050	0.200	ND	Pass	M2	Myclobutanil	0.050	0.200	ND	Pass	
Carbofuran	0.050	0.200	ND	Pass		Naled	0.050	0.500	ND	Pass	
Chlorantraniliprole	0.050	0.200	ND	Pass		Oxamyl	0.050	1.000	ND	Pass	
Chlorfenapyr	0.460	1.000	ND	Pass	M2	Pacllobutrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass		Permethrins	0.050	0.200	ND	Pass	
Clofentezine	0.050	0.200	ND	Pass	M2	Phosmet	0.050	0.200	ND	Pass	
Cyfluthrin	0.460	1.000	ND	Pass	M2	Piperonyl Butoxide	0.040	2.000	0.159	Pass	
Cypermethrin	0.050	1.000	ND	Pass	M2	Prallethrin	0.050	0.200	ND	Pass	
Daminozide	0.460	1.000	ND	Pass	M1	Propiconazole	0.050	0.400	ND	Pass	
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.460	1.000	ND	Pass	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	
Ethoprophos	0.050	0.200	ND	Pass	M2	Spinosad	0.050	0.200	ND	Pass	
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	0.060	Pass	
Etoxazole	0.050	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M2	Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.050	0.400	ND	Pass	M1	Thiacloprid	0.050	0.200	ND	Pass	
Fonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	

**Herbicides**

Analyte	LOQ	Limit	Units	Status
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Qualifiers:  
Date Tested: 05/15/2023 07:00 am  
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.

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**Mycotoxins**

**Pass**

Total Ochratoxins Date Tested: 05/14/2023  
Total Aflatoxins Date Tested: 05/14/2023

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	5.15	Pass	

**LEVEL ONE**

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.



# Certificate of Analysis

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## Microbials

## Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	NR	in one gram	NT	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

Qualifiers:  
Date Tested: 05/15/2023 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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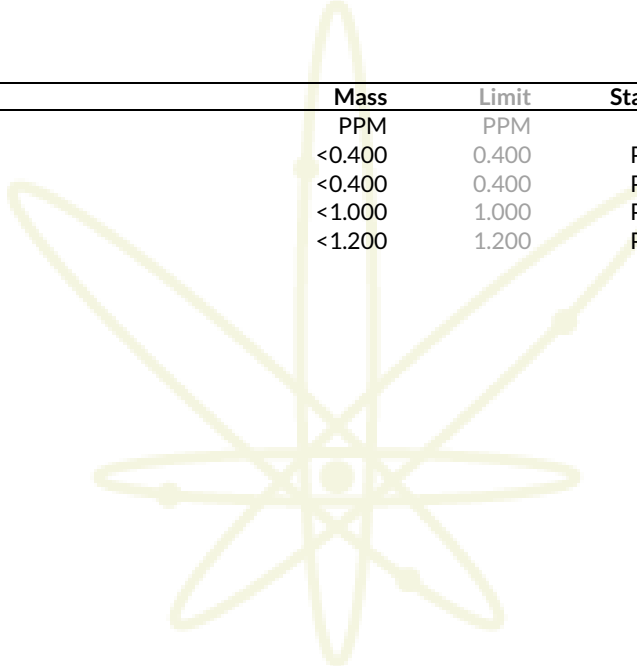
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## Heavy Metals

## Pass

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	
Cadmium	<0.400	0.400	Pass	V1
Lead	<1.000	1.000	Pass	L1,R1
Mercury	<1.200	1.200	Pass	



# LEVEL ONE

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Date Tested: 05/17/2023 07:00 am

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