

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

Live Resin  
Batch#: D Vade 122C  
Strain: D Vade  
Extraction Method: Butane  
Harvest Date: 4/5/22  
Manufacture Date: 6/25/22

Ingredients: 100% Cannabis Oil.

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.

## Desert Bloom Releaf

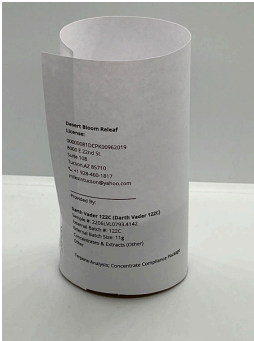
8060 E 22nd St  
Tucson, AZ 85710  
milesintucson@yahoo.com  
(928) 460-1817  
Lic. #0000081DCPK00962019

Sample: 2206LVL0793.4142

Strain: Darth Vader 122C  
Batch#: 122C; Batch Size: 11 g  
Sample Received: 06/28/2022; Report Created: 07/06/2022; Expires: 07/06/2023

## Darth Vader 122C



	<b>83.817%</b> Total THC	<b>&lt;LOQ</b> Total CBD	<b>95.572%</b> Total Cannabinoids
	<b>Not Tested</b> Water Activity by ASTM D8196_18	<b>Not Tested</b> NT Moisture	

## Cannabinoids

Complete

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	2.624	95.572	955.72
Δ9-THC	2.624	<LOQ	<LOQ
Δ8-THC	2.624	ND	ND
THCV	2.624	ND	ND
CBDa	2.624	<LOQ	<LOQ
CBD	2.624	ND	ND
CBN	2.624	ND	ND
CBGa	2.624	<LOQ	<LOQ
CBG	2.624	ND	ND
<b>Total</b>		<b>95.572</b>	<b>955.72</b>

Qualifiers:  
Date Tested: 06/29/2022 07:00 am

Total THC = THCa \* 0.877 + Δ9-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-LM-005. ADHS approved method for potency by HPLC-DAD for all listed analytes. Code M4.

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## Darth Vader 122C





### Terpenes


Analyte	LOQ	Mass	Mass		Analyte	LOQ	Mass	Mass	
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Myrcene	0.16	19.93	1.993	<div style="width: 90%;"></div>	cis-Nerolidol	0.32	ND	ND	
β-Caryophyllene	0.32	12.23	1.223	<div style="width: 70%;"></div>	cis-Ocimene	0.05	ND	ND	
δ-Limonene	0.32	9.75	0.975	<div style="width: 60%;"></div>	Citronellol	1.59	ND	ND	
α-Humulene	0.16	4.86	0.486	<div style="width: 30%;"></div>	Eucalyptol	0.16	ND	ND	
trans-Ocimene	0.10	3.19	0.319	<div style="width: 20%;"></div>	Fenchone	0.32	ND	ND	
α-Pinene	0.16	2.98	0.298	<div style="width: 15%;"></div>	γ-Terpinene	0.16	ND	ND	
Farnesene	0.03	2.89	0.289	<div style="width: 10%;"></div>	γ-Terpineol	0.03	ND	ND	
Fenchol	0.16	1.84	0.184	<div style="width: 5%;"></div>	Geraniol	3.19	ND	ND	
Linalool	0.32	0.67	0.067	<div style="width: 2%;"></div>	Geranyl	0.16	ND	ND	
α-Bisabolol	0.16	0.41	0.041	<div style="width: 1%;"></div>	Acetate	0.16	ND	ND	
β-Pinene	0.32	0.41	0.041	<div style="width: 1%;"></div>	Guaiol	0.16	ND	ND	
α-Terpineol	0.26	0.37	0.037	<div style="width: 1%;"></div>	Isoborneol	1.59	ND	ND	
Camphene	0.16	0.34	0.034	<div style="width: 1%;"></div>	Isopulegol	0.16	ND	ND	
3-Carene	0.32	ND	ND		Menthol	0.16	ND	ND	
α-Cedrene	0.16	ND	ND		Nerol	0.16	ND	ND	
α-Phellandrene	0.16	<LOQ	<LOQ		Pulegone	0.16	ND	ND	
α-Terpinene	0.16	<LOQ	<LOQ		p-Cymene	0.16	ND	ND	
β-Eudesmol	0.16	ND	ND		Sabinene	0.16	ND	ND	
Borneol	0.48	ND	ND		Sabinene Hydrate	0.16	ND	ND	
Camphor	0.64	ND	ND		Terpinolene	0.32	<LOQ	<LOQ	
Caryophyllene Oxide	0.16	ND	ND		trans-Nerolidol	0.16	ND	ND	
Cedrol	0.16	ND	ND		Valencene	0.16	ND	ND	


### Primary Aromas

  
**Hops**

  
**Cinnamon**

  
**Orange**

  
**Earthy**

  
**Pine**

**59.87 mg/g**  
Total Terpenes

Qualifiers:  
Date Tested: 06/29/2022 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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3 of 7

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## Darth Vader 122C



## Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Acetone	350.680	1000.000	ND	Pass
Acetonitrile	142.553	410.000	ND	Pass
Benzene	0.698	2.000	ND	Pass
Butanes	2333.204	5000.000	ND	Pass
Chloroform	20.999	60.000	ND	Pass
Dichloromethane	213.388	600.000	ND	Pass
Ethanol	1739.903	5000.000	ND	Pass
Ethyl-Acetate	1741.553	5000.000	ND	Pass
Ethyl-Ether	1734.757	5000.000	ND	Pass
Heptane	1737.282	5000.000	ND	Pass
Hexanes	100.146	290.000	ND	Pass
Isopropanol	1731.748	5000.000	ND	Pass
Isopropyl-Acetate	1734.951	5000.000	ND	Pass
Methanol	1038.252	3000.000	ND	Pass
Pentanes	1746.214	5000.000	ND	Pass
Propane	2328.447	5000.000	ND	Pass
Toluene	312.466	890.000	ND	Pass
Xylenes	748.660	2170.000	ND	Pass

# LEVEL ONE

# L A B S

Qualifiers:  
Date Tested: 07/01/2022 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. V1



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## Darth Vader 122C



### Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Analyte	LOQ	Limit	Units	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.030	0.500	ND	Pass	Hexythiazox	0.040	1.000	ND	Pass
Acephate	0.040	0.400	ND	Pass	Imazalil	0.040	0.200	ND	Pass
Acequinocyl	0.440	2.000	ND	Pass	Imidacloprid	0.040	0.400	ND	Pass
Acetamiprid	0.040	0.200	ND	Pass	Kresoxim Methyl	0.040	0.400	ND	Pass
Aldicarb	0.040	0.400	ND	Pass	Malathion	0.040	0.200	ND	Pass
Azoxystrobin	0.040	0.200	ND	Pass	Metalaxyl	0.040	0.200	ND	Pass
Bifenazate	0.040	0.200	ND	Pass	Methiocarb	0.040	0.200	ND	Pass
Bifenthrin	0.040	0.200	ND	Pass	Methomyl	0.040	0.400	ND	Pass
Boscalid	0.040	0.400	ND	Pass	Myclobutanil	0.040	0.200	ND	Pass
Carbaryl	0.040	0.200	ND	Pass	Naled	0.040	0.500	ND	Pass
Carbofuran	0.040	0.200	ND	Pass	Oxamyl	0.040	1.000	ND	Pass
Chlorantraniliprole	0.040	0.200	ND	Pass	Paclobutrazol	0.040	0.400	ND	Pass
Chlorfenapyr	0.440	1.000	ND	Pass	Permethrins	0.040	0.200	ND	Pass
Chlorpyrifos	0.040	0.200	ND	Pass	Phosmet	0.040	0.200	ND	Pass
Clofentezine	0.040	0.200	ND	Pass	Piperonyl Butoxide	0.040	2.000	ND	Pass
Cyfluthrin	0.440	1.000	ND	Pass	Prallethrin	0.040	0.200	ND	Pass
Cypermethrin	0.040	1.000	ND	Pass	Propiconazole	0.040	0.400	ND	Pass
Daminozide	0.440	1.000	ND	Pass	Propoxur	0.040	0.200	ND	Pass
Dichlorvos (DDVP)	0.040	0.100	ND	Pass	Pyrethrins	0.440	1.000	ND	Pass
Diazinon	0.040	0.200	ND	Pass	Pyridaben	0.040	0.200	ND	Pass
Dimethoate	0.040	0.200	ND	Pass	Spinosad	0.040	0.200	ND	Pass
Ethoprophos	0.040	0.200	ND	Pass	Spiromesifen	0.040	0.200	ND	Pass
Etofenprox	0.040	0.400	ND	Pass	Spirotetramat	0.040	0.200	ND	Pass
Etoazole	0.040	0.200	ND	Pass	Spiroxamine	0.040	0.400	ND	Pass
Fenoxycarb	0.040	0.200	ND	Pass	Tebuconazole	0.040	0.400	ND	Pass
Fenpyroximate	0.040	0.400	ND	Pass	Thiacloprid	0.040	0.200	ND	Pass
Fipronil	0.040	0.400	ND	Pass	Thiamethoxam	0.040	0.200	ND	Pass
Fonicamid	0.040	1.000	ND	Pass	Trifloxystrobin	0.040	0.200	ND	Pass
Fludioxonil	0.040	0.400	ND	Pass					

### Herbicides

Analyte	LOQ	Limit	Units	Status
	PPM	PPM	PPM	
Pendimethalin	0.040	0.100	ND	Pass

#### Qualifiers:

Date Tested: 06/29/2022 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. Code L1 M1 M2.



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## Darth Vader 122C

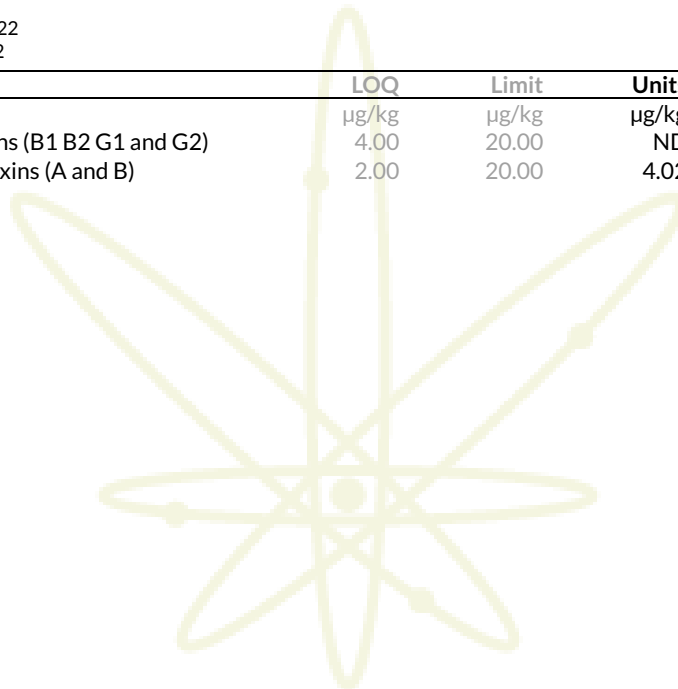


## Mycotoxins

Pass

Total Ochratoxins Date Tested: 06/28/2022  
Total Aflatoxins Date Tested: 06/28/2022

Analyte	LOQ	Limit	Units	Status
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	µg/kg ND	Pass
Total Ochratoxins (A and B)	2.00	20.00	µg/kg 4.02	Pass



# LEVEL ONE

## LABS

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.



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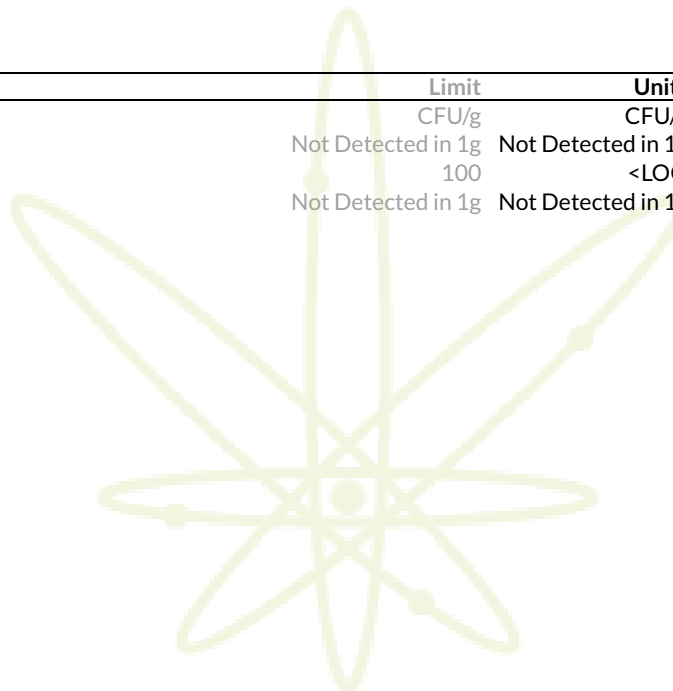
## Darth Vader 122C



### Microbials

Pass

Analyte	Limit	Units	Date Tested	Status
Aspergillus sp	Not Detected in 1g	CFU/g	7/1/2022	Pass
E. Coli	100	<LOQ	6/30/2022	Pass
Salmonella	Not Detected in 1g	Not Detected in 1g	6/30/2022	Pass



# LEVEL ONE

Qualifiers:  
Date Tested: 06/30/2022 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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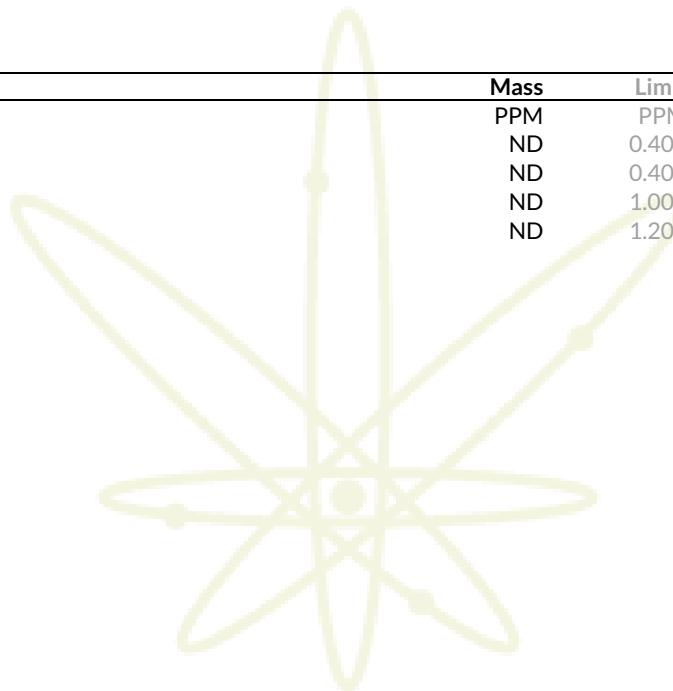
## Darth Vader 122C



## Heavy Metals

Pass

Analyte	Mass	Limit	Status
	PPM	PPM	
Arsenic	ND	0.400	Pass
Cadmium	ND	0.400	Pass
Lead	ND	1.000	Pass
Mercury	ND	1.200	Pass



# LEVEL ONE

# LABS

Qualifiers:  
Date Tested: 07/01/2022 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. Subcontracted through IAS. Approved for all analytes by ICP-OES.



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