

**Grow Sciences**

Grow Sciences  
Phoenix, AZ 85032  
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(480) 442-5621  
Lic. #00000114ESQS66067289


**Sample: 2403LVL0474.2612**

Secondary License: ; Chain of Distribution:  
Strain: Tropical Cherry; Batch#: C.TC240222CC.ROS; Batch Size: 11 g; External Batch ID: C.TC240222CC.ROS  
Sample Received: 03/29/2024; Report Created: 04/08/2024; Report Expiration: 04/08/2025  
Sampling Date: 03/29/2024; Sampling Time: 3; Sampling Person: MZ  
Harvest Date: 01/10/2024; Manufacturing Date: 02/22/2024; External Lot ID:

**Tropical Cherry Cold Cure**

Concentrates & Extracts, Live Rosin, Pressing



	<b>75.76%</b>	<b>ND</b>	<b>90.76%</b>
	Total THC	Total CBD	
	<b>61.45 mg/g</b>	<b>Not Tested</b>	Total Cannabinoids
	Total Terpenes	NT Moisture	

**Cannabinoids**

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.614	86.384	863.84	
Δ9-THC	0.614	<LOQ	<LOQ	
Δ8-THC	0.614	ND	ND	
THCVa	0.614	<LOQ	<LOQ	Q3
THCV	0.614	ND	ND	Q3
CBDa	0.614	ND	ND	
CBD	0.614	ND	ND	
CBDVa	0.614	ND	ND	Q3
CBDV	0.614	ND	ND	Q3
CBN	0.614	ND	ND	Q3
CBGa	0.614	2.612	26.12	Q3
CBG	0.614	1.055	10.55	Q3
CBCa	0.614	0.705	7.05	Q3
CBC	0.614	ND	ND	Q3
<b>Total</b>		<b>90.756</b>	<b>907.56</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 04/01/2024 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	0.76	16.22	1.622	Q3	cis-Ocimene	0.11	ND	ND	Q3
β-Caryophyllene	0.76	13.83	1.383	Q3	Citronellol	3.79	<LOQ	<LOQ	Q3
β-Myrcene	0.38	9.90	0.990	Q3	Eucalyptol	0.38	ND	ND	Q3
Farnesene	0.06	8.72	0.872	Q3	Fenchone	0.76	<LOQ	<LOQ	Q3
α-Humulene	0.38	3.40	0.340	Q3	γ-Terpinene	0.38	ND	ND	Q3
Linalool	0.76	3.37	0.337	Q3	γ-Terpineol	0.08	ND	ND	Q3
Fenchol	0.38	1.43	0.143	Q3	Geraniol	7.58	ND	ND	Q3
α-Terpineol	0.62	1.16	0.116	Q3	Geranyl Acetate	0.38	ND	ND	Q3
α-Pinene	0.38	1.10	0.110	Q3	Guaiol	0.38	ND	ND	Q3
α-Bisabolol	0.38	1.01	0.101	Q3	Isoborneol	3.79	ND	ND	Q3
β-Pinene	0.76	0.89	0.089	Q3	Isopulegol	0.38	ND	ND	Q3
Camphene	0.38	0.42	0.042	Q3	Menthol	0.38	ND	ND	Q3
3-Carene	0.76	ND	ND	Q3	Nerol	0.38	ND	ND	Q3
α-Cedrene	0.38	ND	ND	Q3	Pulegone	0.38	ND	ND	Q3
α-Phellandrene	0.38	ND	ND	Q3	p-Cymene	0.38	ND	ND	Q3
α-Terpinene	0.38	ND	ND	Q3	Sabinene	0.38	ND	ND	Q3
β-Eudesmol	0.38	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.38	ND	ND	Q3
Borneol	1.14	<LOQ	<LOQ	Q3	Terpinolene	0.76	<LOQ	<LOQ	Q3
Camphor	1.52	ND	ND	Q3	trans-Nerolidol	0.38	ND	ND	Q3
Caryophyllene	0.38	<LOQ	<LOQ	Q3	trans-Ocimene	0.25	ND	ND	Q3
Oxide	0.38	ND	ND	Q3	Valencene	0.38	ND	ND	Q3
Cedrol	0.38	ND	ND	Q3					
cis-Nerolidol	0.76	ND	ND	Q3					


## Primary Aromas




Lemon




Cinnamon



Hops



Magnolia



Lavender

**61.45 mg/g**  
Total Terpenes

Qualifiers:  
Date Tested: 04/02/2024 12:00 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	366.330	1000.000	ND	Pass	V1 M1
Acetonitrile	148.910	410.000	ND	Pass	V1 L1 M1
Benzene	0.730	2.000	ND	Pass	V1 L1 M1
Butanes	2437.320	5000.000	ND	Pass	V1 L1 M1 R1
Chloroform	21.940	60.000	ND	Pass	V1 M1
Dichloromethane	222.910	600.000	ND	Pass	M1
Ethanol	1817.550	5000.000	ND	Pass	V1 L1 M1
Ethyl-Acetate	1819.270	5000.000	ND	Pass	V1 L1 M1
Ethyl-Ether	1812.170	5000.000	ND	Pass	V1 L1 M1
Heptane	1814.810	5000.000	ND	Pass	L1
Hexanes	104.610	290.000	ND	Pass	V1 L1 M1
Isopropanol	1809.030	5000.000	ND	Pass	V1 L1 M1
Isopropyl-Acetate	1812.370	5000.000	ND	Pass	V1 M1
Methanol	1084.580	3000.000	ND	Pass	V1 L1 M1
Pentanes	1824.140	5000.000	ND	Pass	V1 L1 M1
Toluene	326.410	890.000	ND	Pass	M1
Xylenes	782.070	2170.000	ND	Pass	M1

**LEVEL ONE**

Qualifiers:  
Date Tested: 04/01/2024 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	M2	Hexythiazox	0.050	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	
Acetamiprid	0.050	0.200	ND	Pass	M2	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	M1	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		Myclobutanil	0.050	0.200	ND	Pass	M2
Carbofuran	0.050	0.200	ND	Pass		Naled	0.050	0.500	ND	Pass	
Chlorantraniliprole	0.050	0.200	ND	Pass	L1	Oxamyl	0.050	1.000	ND	Pass	
Chlorfenapyr	0.460	1.000	ND	Pass		Pacllobutrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass		Permethrins	0.050	0.200	ND	Pass	M2
Clofentezine	0.050	0.200	ND	Pass		Phosmet	0.050	0.200	ND	Pass	
Cyfluthrin	0.460	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.050	1.000	ND	Pass	M2	Prallethrin	0.050	0.200	ND	Pass	
Daminozide	0.460	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	M2
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		Spinosad	0.050	0.200	ND	Pass	M2
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	ND	Pass	
Etoxazole	0.050	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.050	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		Thiacloprid	0.050	0.200	ND	Pass	
Fonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.050	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	

## Herbicides

Analyte	LOQ	Limit	Units	Status
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### Qualifiers:

Date Tested: 04/03/2024 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: 04/02/2024  
Total Aflatoxins Date Tested: 04/02/2024

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	<LOQ	Pass	
Total Ochratoxins (A and B)	2.00	20.00	4.25	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.



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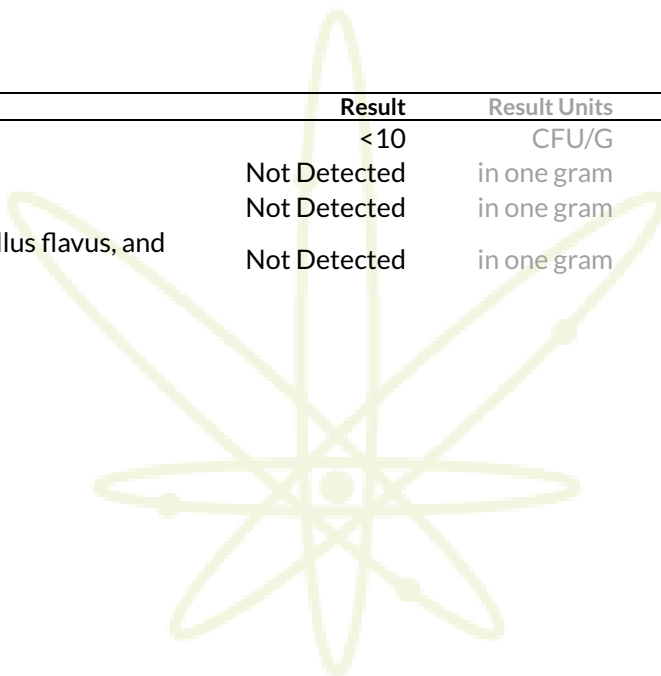
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**Microbials**

**Pass**

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



**LEVEL ONE**

Qualifiers:  
Date Tested: 04/03/2024 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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## Heavy Metals

Pass

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	V1
Cadmium	<0.400	0.400	Pass	V1
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	L1

# LEVEL ONE

Qualifiers:  
Date Tested: 04/05/2024 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. Inter Ag Services Inc. Registration Certificate Identification Number: 00000009LCSL00311854



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