Copperstate Tempe
2424 W University Drive
Tempe AZ, 85281
(310) 418-2010
gabriellea@copperstatefarms.com;
Danielw@livewithsol.com
License #:
00000118DCKD00426097

Certificate Of Analysis

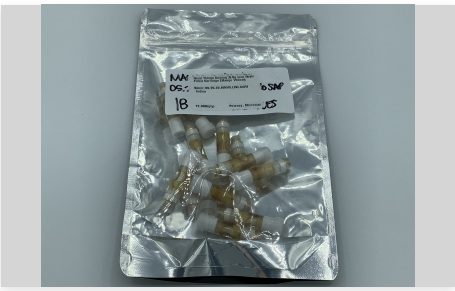
ISO/IEC 17025:2017 Accreditation #103104
License #: 00000020LCVT89602592

Order Information
Order #: 97116
Order Name: Mango Widow Live Rosin Cartridge
Batch #: 05.25.22.MNWI.LRO.CART
Harvest/Lot ID: 05.25.22.MNWI.LRO.CART
Seed-to-Sale #:
Received: 07/07/2022 19:21:32
Complete: 07/14/2022 22:09:29

Batch Information
Create date: 05/25/2022
Exp. date: 05/25/2023
Size: N/A
Total qty: N/A
Matrix: Vape Oil
Pickup Weight: 6g

Dispensary Licensee Information
Cultivation Facility: 2424 W University Drive, Tempe, AZ 85281
Processing facility: 2424 W University Drive, Tempe, AZ 85281
Cultivar(s): 2424 W University Drive, Tempe, AZ 85281

COMPLIANCE FOR RETAIL



74.137%
Total THC

0.172%
Total CBD

REGULATED ANALYTES

Potency Label Claim Not Tested	**Microbial Contaminants** Microbial: Pass Mycotoxins: Not Tested	**Residual Solvents** Not Tested	**Pesticides, Fungicides, Growth Regulators** Not Tested
Herbicides Not Tested	**Heavy Metals** Not Tested		

ADDITIONAL ANALYTES (NOT REGULATED)

Terpenes Not Tested	**Moisture Content** Not Tested	**Water Activity** Not Tested	**Filth & Foreign** Not Tested
Homogeneity Not Tested			

Ahmed Munshi
Lab Director

Green Scientific Labs
734 W Highland Ave., 2nd Floor
Phoenix, AZ 85013
(602) 806-6930

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Batch #: 05.25.22.MNWI.LRO.CART
Received: 07/07/2022 19:21:32
Complete: 07/14/2022 22:09:29

Sample Analysis
Date/Time: 07/13/2022 16:49:50
Tech: Madison Levy (3689)
SOP: 417.AZ
Final Weight (g): 0.041g
Volume (mL): 40mL

Sample Prep
Date/Time: 07/13/2022 15:27:42
Tech: Briana Hatfield (3978)
SOP: 418.AZ

Internal Batch
Batch Number 104017
Date: 07/13/2022

CANNABINOID POTENCY (CERTIFIED):

HPLC-DAD

Cannabinoids	LOQ (mg/g)	LOD (mg/g)	Dilution	Weight (%)	mg/g	mg/unit	Qualifiers
D9-THC	0.9770	0.3224	1	**73.664%**	**736.638**	**736.638**	
THCA	0.9770	0.3224	1	**0.539%**	**5.388**	**5.388**	
CBD	0.9770	0.3224	1	**0.172%**	**1.723**	**1.723**	
CBDA	0.9770	0.3224	1	N/D	N/D	N/D	
CBDV	0.9770	0.3224	1	N/D	N/D	N/D	
CBC	0.9770	0.3224	1	**1.093%**	**10.932**	**10.932**	
CBN	0.9770	0.3224	1	**0.160%**	**1.604**	**1.604**	
CBG	0.9770	0.3224	1	**4.418%**	**44.184**	**44.184**	
CBGA	0.9770	0.3224	1	**0.192%**	**1.922**	**1.922**	
D8-THC	0.9770	0.3224	1	N/D	N/D	N/D	
THCV	0.9770	0.3224	1	**0.767%**	**7.674**	**7.674**	

CANNABINOID SUMMARY:

Cannabinoid Totals	Weight (%)	mg/g	mg/unit
Total THC	**74.137%**	**741.363**	**N/D**
Total CBD	**0.172%**	**1.723**	**N/D**
Total Cannabinoids*	**81.005%**	**810.065**	**N/D**

* Includes all cannabinoids tested

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MICROBIAL ANALYSIS: (PASS)

Order #: 97116
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Batch #: 05.25.22.MNWI.LRO.CART
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Complete: 07/14/2022 22:09:29

Sample Analysis
Date/Time: 07/14/2022 20:12:14
Tech: Emily Wiener (3989)

Sample Prep
Date/Time: 07/13/2022 20:01:28
Tech: Briana Hatfield (3978)

Internal Batch
Batch Number 104030
Date: 07/13/2022

Test	Test Method	Analysis SOP	Prep SOP	Allowable Criteria	Actual Result	Pass/Fail	Qualifiers
Aspergillus Fumigatus	Real-time PCR	430.AZ	430.AZ	DETECT/NOT DETECTED	NOT DETECTED	Pass	
Aspergillus Terreus	Real-time PCR	430.AZ	430.AZ	DETECT/NOT DETECTED	NOT DETECTED	Pass	
Aspergillus Niger	Real-time PCR	430.AZ	430.AZ	DETECT/NOT DETECTED	NOT DETECTED	Pass	
Aspergillus Flavus	Real-time PCR	430.AZ	430.AZ	DETECT/NOT DETECTED	NOT DETECTED	Pass	

Order #: 97116
Order Name: Mango Widow Live Rosin Cartridge
Batch #: 05.25.22.MNWI.LRO.CART
Received: 07/07/2022 19:21:32
Complete: 07/14/2022 22:09:29

Sample Analysis
Date/Time: 07/14/2022 20:12:14
Tech: Emily Wiener (3989)

Sample Prep
Date/Time: 07/13/2022 20:18:42
Tech: Briana Hatfield (3978)

Internal Batch
Batch Number 104032
Date: 07/13/2022

Test	Test Method	Analysis SOP	Prep SOP	Allowable Criteria	Actual Result	Pass/Fail	Qualifiers
Salmonella	Real-time PCR	429.AZ	429.AZ	DETECT/NOT DETECTED	NOT DETECTED	Pass	

Order #: 97116
Order Name: Mango Widow Live Rosin Cartridge
Batch #: 05.25.22.MNWI.LRO.CART
Received: 07/07/2022 19:21:32
Complete: 07/14/2022 22:09:29

Sample Analysis
Date/Time: 07/14/2022 20:12:14
Tech: Emily Wiener (3989)

Sample Prep
Date/Time: 07/14/2022 20:03:15
Tech: Briana Hatfield (3978)

Internal Batch
Batch Number 104081
Date: 07/14/2022

Test	Test Method	Analysis SOP	Prep SOP	Allowable Criteria	Actual Result	Pass/Fail	Qualifiers
Escherichia coli	TEMPO	431.AZ	431.AZ	< 100 CFU/g	< 100 CFU/g	Pass	

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QUALIFIER LEGEND (ALSO REFERENCED AS "Q"):

B1 The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation

B2 The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte

D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution

I1 The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference

L1 When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample

M1 The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria

M2 The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria

M3 The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria

M4 The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria

M5 The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample

M6 A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii)

Q1 Sample integrity was not maintained

Q2 The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices

Q3 Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

R1 The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria

R2 The relative percent difference for a sample and duplicate exceeded the limit

V1 The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample

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