





# CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

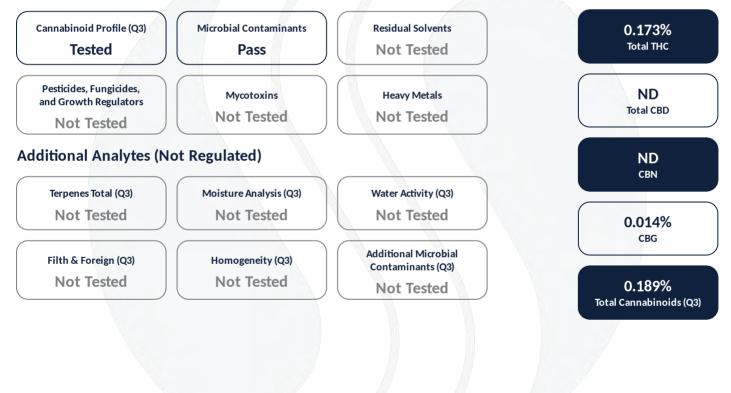
## Vegan Sweet Clementine Live Rosin -100 mg

Batch #: A155231117 Strain: GMO Parent Batch #: OGZLR-4023 Sample Collected: 11/22/2023 11:05:00 Published: 12/04/2023 Sample ID: 2311SMAZ1780.6990 Amount Received: 62.6 g Sample Type: Soft Chew Received: 11/30/2023



# **COMPLIANCE FOR RETAIL**

### **Regulated Analytes**



#### Ahmed Munshi

Technical Laboratory Director

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930







## CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 2201

Cannabinoid Profile		Sample Prep	Sample Analysis		
HPLC	Tested	Batch Date: 11/28/2023 SOP: 418.AZ Batch Number: 438	Date: 11/30/2023 SOP: 417.AZ - HPLC Sample Weight: 1.001 g Volume: 10 mL		

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.003	0.010	1	0.002	0.019	0.119	1.189	
CBD	0.003	0.010	1	ND	ND	ND	ND	
CBDA	0.003	0.010	1	ND	ND	ND	ND	
CBDV	0.003	0.010	1	ND	ND	ND	ND	
CBG	0.003	0.010	1	0.014	0.141	0.883	8.827	
CBGA	0.003	0.010	1	ND	ND	ND	ND	
CBN	0.003	0.010	1	ND	ND	ND	ND	
d8-THC	0.003	0.010	1	ND	ND	ND	ND	
d9-THC	0.003	0.010	1	0.173	1.733	10.849	108.486	
THCA	0.003	0.010	1	ND	ND	ND	ND	
THCV	0.003	0.010	1	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.173	1.733	10.849	108.486	
Total CBD	ND	ND	ND	ND	
Total Cannabinoids	0.189	1.893	11.850	118.502	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA) ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation Serving Weight: 6.26 None; Servings/Package: 10

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930





Certificate: 2201



## **CERTIFICATE OF ANALYSIS**

License #: 0000020LCVT89602592

**Microbial Analysis** Pass **Sample Analysis Sample Prep** Batch Date: 11/28/2023 Date: 11/30/2023 SOP: 431.AZ SOP: 431.AZ - TEMPO (MPN) Batch Number: 433 Sample Weight: 1.016 g Analyte Allowable Criteria Actual Result Pass/Fail Qualifier E. coli < 10 CFU/g < 10 CFU/g Pass **Sample Prep Sample Analysis** Batch Date: 11/28/2023 Date: 11/30/2023 SOP: 406.AZ **SOP:** 406.AZ - qPCR (MG) Batch Number: 425 Sample Weight: 1.027 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
almonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930







## CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Certificate: 2201

## **Qualifier Legend**

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

#### Notes:

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930







## CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Certificate: 893

## **Live Rosin**

Batch #: OGZLR-4023 Strain: GMO Parent Batch #: Sample Collected: 10/18/2023 09:00:00 Published: 10/23/2023 Sample ID: 2310SMAZ0169.0468 Amount Received: 6.6 g Sample Type: Live Rosin Received: 10/18/2023



# **COMPLIANCE FOR RETAIL**

## **Regulated Analytes**



#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930





Certificate: 893



# CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Batch Date: 10/18/2023	Date: 10/23/2023
<b>SOP:</b> 418.AZ	SOP: 417.AZ - HPLC
Batch Number: 180	Sample Weight: 0.041 g
	Volume: 40 mL
	Batch Number: 180

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.314	0.953	1	0.827	8.273	
CBD	0.314	0.953	1	0.130	1.295	
CBDA	0.314	0.953	1	ND	ND	
CBDV	0.314	0.953	1	ND	ND	
CBG	0.314	0.953	1	5.990	59.895	
CBGA	0.314	0.953	1	ND	ND	
CBN	0.314	0.953	1	ND	ND	
d8-THC	0.314	0.953	1	ND	ND	
d9-THC	0.314	0.953	1	77.884	778.844	
THCA	0.314	0.953	1	ND	ND	
THCV	0.314	0.953	1	0.349	3.493	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	77.884	778.844	
Total CBD	0.130	1.295	
Total Cannabinoids	85.180	851.799	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA) ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930





Certificate: 893



## **CERTIFICATE OF ANALYSIS**

License #: 0000020LCVT89602592

Microbial An	alysis			
	Pass			
Batch Date: 10/19/2023 SOP: 431.AZ Batch Number: 195	Sample Prep	<b>Date:</b> 10/23/2023 <b>SOP:</b> 431.AZ - TEMPO ( <b>Sample Weight:</b> 1.055		
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 100 CFU/g	Pass	
SOP: 406.AZ Batch Number: 196 Analyte	Allowable Criteria	SOP: 406.AZ - qPCR (M Sample Weight: 1.011 Actual Result		Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	
Batch Date: 10/19/2023 50P: 406.AZ Batch Number: 196	Sample Prep	Date: 10/23/2023 SOP: 406.AZ - qPCR (M Sample Weight: 1.011		
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930





Certificate: 893



# CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Residual Solvents		Sample Prep	Sample Analysis		
Residual Solv	Circo	Batch Date: 10/18/2023 SOP: 405.AZ	<b>Date:</b> 10/23/2023 <b>SOP:</b> 405.AZ - HS-GC-MS		
HS-GC-MS	Pass	Batch Number: 177	Sample Weight: 0.054 g		
		tion	Action		

Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	Results (ppm)	Qualifier
Acetone	61/185	1	1000	<loq< td=""><td></td><td>Heptane</td><td>309 / 926</td><td>1</td><td>5000</td><td>ND</td><td></td></loq<>		Heptane	309 / 926	1	5000	ND	
Acetonitrile	26 / 76	1	410	ND		Hexanes	44/134	1	290	ND	
Benzene	0.13 / 0.37	1	2	ND		Isopropyl acetate	309 / 926	1	5000	ND	
Butanes	154 / 463	1	5000	ND		Methanol	185 / 556	1	3000	ND	
Chloroform	4/11	1	60	ND		Pentanes	309 / 926	1	5000	ND	
Dichloromethane	37 / 111	1	600	ND		2-Propanol (IPA)	309 / 926	1	5000	ND	
Ethanol	309 / 926	1	5000	ND		Toluene	56 / 165	1	890	ND	
Ethyl acetate	309 / 926	1	5000	ND		Xylenes	269 / 804	1	2170	ND	
Ethyl ether	309 / 926	1	5000	ND							

Ahmed Munshi

Technical Laboratory Director

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930





Certificate: 893



# CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Heavy Metal	s	Sample Prep	Sample Analysis
	5	Batch Date: 10/23/2023 SOP: 428.AZ	Date: 10/23/2023 SOP: 428.AZ - ICP-MS
ICP-MS	Pass	Batch Number: 213	Sample Weight: 0.241g Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.017	0.166	10	0.4	ND	
Cadmium	0.017	0.166	10	0.4	ND	
Lead	0.017	0.083	10	1	ND	
Mercury	0.017	0.415	10	0.2	<loq< td=""><td></td></loq<>	

Mycotoxin A	Analysis
LC-MS/MS	Pass

Sample Prep Batch Date: 10/19/2023 SOP: 432.AZ Batch Number: 191 Sample Analysis

Date: 10/23/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.558 g Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	LOQ (ppb) Dil.		Results (ppb)	Qualifier	
Total Aflatoxins	3.58	8.96	1	20	ND		
Aflatoxin B1	3.58	9.22	1	0	ND		
Aflatoxin B2	3.58	9.22	1	0	ND		
Aflatoxin G1	3.58	9.22	1	0	ND		
Aflatoxin G2	3.58	4.61	1	0	ND		
Ochratoxin A	8.96	9.22	1	20	ND	11	

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930







## Pesticides, Fungicides, and **Growth Regulators** Pass

LC-MS/MS

## **Sample Prep**

Batch Date: 10/19/2023 SOP: 432.AZ Batch Number: 191

# SMITHERS

# **CERTIFICATE OF ANALYSIS**

License #: 0000020LCVT89602592

## **Sample Analysis**

Date: 10/23/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.558 g Volume: 12.5 mL

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Abamectin B1a	0.074 / 0.224	1	0.5	ND	I1, M2	Hexythiazox	0.150 / 0.448	1	1	ND	M2
Acephate	0.060 / 0.179	1	0.4	ND		Imazalil	0.030 / 0.090	1	0.2	ND	I1, M2
Acetamiprid	0.030 / 0.090	1	0.2	ND		Imidacloprid	0.060 / 0.179	1	0.4	ND	
Aldicarb	0.060 / 0.179	1	0.4	ND		Kresoxim-methyl	0.060 / 0.179	1	0.4	ND	M2
Azoxystrobin	0.030 / 0.090	1	0.2	ND		Malathion	0.030 / 0.090	1	0.2	ND	
Bifenazate	0.030 / 0.090	1	0.2	ND		Metalaxyl	0.030 / 0.090	1	0.2	ND	
Bifenthrin	0.030 / 0.090	1	0.2	ND	I1, M2	Methiocarb	0.030 / 0.090	1	0.2	ND	
Boscalid	0.060 / 0.179	1	0.4	ND	M2	Methomyl	0.060 / 0.179	1	0.4	ND	
Carbaryl	0.030 / 0.090	1	0.2	ND		Myclobutanil	0.030 / 0.090	1	0.2	ND	M2
Carbofuran	0.030 / 0.090	1	0.2	ND		Naled	0.074 / 0.224	1	0.5	ND	M2
Chlorantraniliprole	0.030 / 0.090	1	0.2	ND		Oxamyl	0.150 / 0.448	1	1	ND	
Chlorfenapyr	0.150 / 0.448	1	1	ND	I1, M2 R1	Paclobutrazol	0.060 / 0.179	1	0.4	ND	M2
Chlorpyrifos	0.030 / 0.090	1	0.2	ND		Permethrins	0.030 / 0.090	1	0.2	ND	M2
Clofentezine	0.030 / 0.090	1	0.2	ND	M2	Phosmet	0.030 / 0.090	1	0.2	ND	
Cyfluthrin	0.150 / 0.448	1	1	ND	M2	Piperonyl Butoxide	0.298 / 0.896	1	2	ND	
Cypermethrin	0.150 / 0.448	1	1	ND	M2	Prallethrin	0.030 / 0.090	1	0.2	ND	
Daminozide	0.150 / 0.448	1	1	ND		Propiconazole	0.060 / 0.179	1	0.4	ND	
Diazinon	0.030 / 0.090	1	0.2	ND	M2	Propoxur	0.030 / 0.090	1	0.2	ND	
Dichlorvos	0.015 / 0.045	1	0.1	ND	M2	Pyrethrins	0.125 / 0.375	1	1	ND	11
Dimethoate	0.030 / 0.090	1	0.2	ND		Pyridaben	0.030 / 0.090	1	0.2	ND	
Ethoprophos	0.030 / 0.090	1	0.2	ND	M2	Spinosad	0.030 / 0.090	1	0.2	ND	M2
Etofenprox	0.060 / 0.179	1	0.4	ND	M2	Spiromesifen	0.030 / 0.090	1	0.2	ND	
Etoxazole	0.030 / 0.090	1	0.2	ND		Spirotetramat	0.030 / 0.090	1	0.2	ND	
Fenoxycarb	0.030 / 0.090	1	0.2	ND	M2	Spiroxamine	0.060 / 0.179	1	0.4	ND	
Fenpyroximate	0.060 / 0.179	1	0.4	ND	M2	Tebuconazole	0.060 / 0.179	1	0.4	ND	
Fipronil	0.060 / 0.179	1	0.4	ND	M1	Thiacloprid	0.030 / 0.090	1	0.2	ND	
Flonicamid	0.150 / 0.448	1	1	ND		Thiamethoxam	0.030 / 0.090	1	0.2	ND	
Fludioxonil	0.060 / 0.179	1	0.4	ND	M2	Trifloxystrobin	0.030 / 0.090	1	0.2	ND	M2

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

**Smithers CTS Arizona LLC** 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930







## CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Certificate: 893

## **Qualifier Legend**

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

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 requirem
- 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.

#### Notes:

#### Ahmed Munshi

**Technical Laboratory Director** 

AMMunshi

Smithers CTS Arizona LLC 734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930

