





# CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

# Peg's BIG Raspberry Orange RSO - 100 mg

Batch #: A210231212 Strain: Triangle OG Parent Batch #: OGZR-919 Sample Collected: 12/13/2023 12:05:00 Published: 12/15/2023 Sample ID: 2312SMAZ1878.7290 Amount Received: 15.4 g Sample Type: Soft Chew Received: 12/13/2023



# **COMPLIANCE FOR RETAIL**

#### **Regulated Analytes**



#### Ahmed Munshi

**Technical Laboratory Director** 

AMunshi

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







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Cannabinoi	d Profile	Sample Prep	Sample Analysis
HPLC	Tested	Batch Date: 12/14/2023 SOP: 418.AZ Batch Number: 543	<b>Date:</b> 12/15/2023 <b>SOP:</b> 417.AZ - HPLC <b>Sample Weight:</b> 1.074 g <b>Volume:</b> 10 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.003	0.009	1	ND	ND	ND	ND	
CBD	0.003	0.009	1	0.001	0.014	0.216	0.216	
CBDA	0.003	0.009	1	ND	ND	ND	ND	
CBDV	0.003	0.009	1	ND	ND	ND	ND	
CBG	0.003	0.009	1	0.031	0.307	4.728	4.728	
CBGA	0.003	0.009	1	ND	ND	ND	ND	
CBN	0.003	0.009	1	0.014	0.145	2.233	2.233	
d8-THC	0.003	0.009	1	ND	ND	ND	ND	
d9-THC	0.003	0.009	1	0.615	6.152	94.741	94.741	
THCA	0.003	0.009	1	ND	ND	ND	ND	
THCV	0.003	0.009	1	0.003	0.031	0.477	0.477	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.615	6.152	94.741	94.741	
Total CBD	0.001	0.014	0.216	0.216	
Total Cannabinoids	0.665	6.648	102.379	102.379	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: 15.4 None; Servings/Package: 1

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Microbial Analy	rsis			
	Pass			
Sa	ample Prep		Sample Analysi	s
atch Date: N/A OP: 431.AZ atch Number:		Date: 12/15/2023 SOP: 431.AZ - TEN Sample Weight: 3	MPO (MPN)	
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
	Allowable Criteria < 10 CFU/g	Actual Result < 10 CFU/g	Pass/Fail Pass	Qualifier
				Qualifier
E. coli				
E. coli	< 10 CFU/g		Pass Sample Analysi	

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

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## **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:

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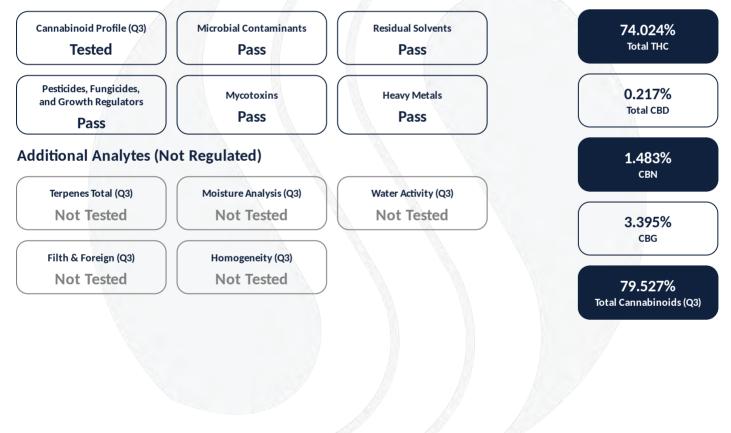
## **RSO Extract**

Batch #: OGZR-919 Strain: Triangle OG Parent Batch #: Sample Collected: 11/09/2023 10:55:00 Published: 11/15/2023 Sample ID: 2311SMAZ0294.0940 Amount Received: 7.2 g Sample Type: RSO Received: 11/10/2023



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, Cannabinoi	id Profile	Sample Prep	Sample Analysis
Carmabilio		Batch Date: 11/09/2023	Date: 11/15/2023
HPLC	Tested	SOP: 418.AZ Batch Number: 339	SOP: 417.AZ - HPLC Sample Weight: 0.0432 g Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
СВС	0.298	0.905	1	ND	ND	
CBD	0.298	0.905	1	0.217	2.166	
CBDA	0.298	0.905	1	ND	ND	
CBDV	0.298	0.905	1	ND	ND	
CBG	0.298	0.905	1	3.395	33.952	
CBGA	0.298	0.905	1	ND	ND	
CBN	0.298	0.905	1	1.483	14.826	
d8-THC	0.298	0.905	1	ND	ND	
d9-THC	0.298	0.905	1	73.927	739.271	
THCA	0.298	0.905	1	0.110	1.104	
THCV	0.298	0.905	1	0.395	3.952	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	74.024	740.239	
Total CBD	0.217	2.166	
Total Cannabinoids	79.527	795.270	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

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Microbial Ana	alysis				
	Pass				
	Sample Prep		Sample Analysis		
Batch Date: 11/12/2023 SOP: 431.AZ Batch Number: 348		Date: 11/15/2023 SOP: 431.AZ - TEMPO (MPN) Sample Weight: 1.032 g			
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier	
E. coli	< 100 CFU/g	< 10 CFU/g	Pass		
Batch Date: 11/12/2023 SOP: 406.AZ	Sample Prep	Date: 11/15/2023 SOP: 406.AZ - qPCR			
50P: 406.AZ	Sample Prep Allowable Criteria		(MG)	Qualifier	
SOP: 406.AZ Batch Number: 352		SOP: 406.AZ - qPCR Sample Weight: 1.0	(MG) )11g	Qualifier	
SOP: 406.AZ Batch Number: 352 Analyte	Allowable Criteria	SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result	(MG) Pass/Fail Pass Sample Analysis (MG)	Qualifier	
SOP: 406.AZ Batch Number: 352 Analyte Salmonella Batch Date: 11/12/2023 SOP: 406.AZ	Allowable Criteria Not Detected in One Gram	SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result Not Detected in One Gram Date: 11/15/2023 SOP: 406.AZ - qPCR	(MG) Pass/Fail Pass Sample Analysis (MG)	Qualifier	
SOP: 406.AZ Batch Number: 352 Analyte Salmonella Batch Date: 11/12/2023 SOP: 406.AZ Batch Number: 352	Allowable Criteria Not Detected in One Gram Sample Prep	SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result Not Detected in One Gram Date: 11/15/2023 SOP: 406.AZ - qPCR Sample Weight: 1.0	(MG) Pass/Fail Pass Sample Analysis (MG) pl1g		
SOP: 406.AZ Batch Number: 352 Analyte Salmonella Batch Date: 11/12/2023 SOP: 406.AZ Batch Number: 352 Analyte	Allowable Criteria Not Detected in One Gram Sample Prep Allowable Criteria	SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result Not Detected in One Gram Date: 11/15/2023 SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result	(MG) Pass/Fail Pass Sample Analysis (MG) 011g Pass/Fail		
SOP: 406.AZ Batch Number: 352 Analyte Salmonella Batch Date: 11/12/2023 SOP: 406.AZ Batch Number: 352 Analyte Aspergillus flavus	Allowable Criteria   Not Detected in One Gram     Sample Prep     Allowable Criteria   Not Detected in One Gram	SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result Not Detected in One Gram Date: 11/15/2023 SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result Not Detected in One Gram	(MG) Pass/Fail Pass Sample Analysis (MG) D11g Pass/Fail Pass		

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Residual Solv	ents	Sample Prep	Sample Analysis		
Residual Solv	CIICS	Batch Date: 11/10/2023 SOP: 405.AZ	Date: 11/15/2023 SOP: 405.AZ - HS-GC-MS		
HS-GC-MS	Pass	Batch Number: 343	<b>Sorp:</b> 405.42 - HS-GC-MS <b>Sample Weight:</b> 0.051 g		
		Action	Action		

Analyte	LOD / LOQ (ppm)	Dil.	Limit Limit	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	Results (ppm)	Qualifier
Acetone	65 / 196	1	1000	ND		Heptane	327 / 980	1	5000	ND	
Acetonitrile	27 / 80	1	410	ND		Hexanes	47 / 142	1	290	ND	
Benzene	0.14 / 0.39	1	2	ND		Isopropyl acetate	327 / 980	1	5000	ND	
Butanes	163 / 490	1	5000	ND		Methanol	196 / 588	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	327 / 980	1	5000	ND	
Dichloromethane	39/118	1	600	ND		2-Propanol (IPA)	327 / 980	1	5000	ND	
Ethanol	327 / 980	1	5000	ND		Toluene	59 / 175	1	890	ND	
Ethyl acetate	327 / 980	1	5000	ND		Xylenes	284/851	1	2170	ND	
Ethyl ether	327 / 980	1	5000	ND							

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Heavy Metal	5	Sample Prep	Sample Analysis		
	5	Batch Date: 11/15/2023 SOP: 428.AZ	Date: 11/15/2023 SOP: 428.AZ - ICP-MS		
ICP-MS	Pass	Batch Number: 376	Sample Weight: 0.2134 g Volume: 6 mL		

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.019	0.188	10	0.4	<loq< td=""><td></td></loq<>	
Cadmium	0.019	0.188	10	0.4	ND	
Lead	0.019	0.469	10	1	<loq< td=""><td></td></loq<>	
Mercury	0.019	0.094	10	0.2	ND	

Mycotoxin A	Analysis
LC-MS/MS	Pass

Sample Prep Batch Date: 11/10/2023 SOP: 432.AZ Batch Number: 342 Sample Analysis

Date: 11/15/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.5082 g Volume: 12.5 mL

Analyte	LOD (ppb) LOQ (ppb)		Dil.	Action Limit (ppb)	Results (ppb)	Qualifier	
Total Aflatoxins	3.94	9.84	1	20	ND	V1	
Aflatoxin B1	3.94	8.68	1	0	ND		
Aflatoxin B2	3.94	8.68	1	0	ND	I1, V1	
Aflatoxin G1	3.94	8.68	1	0	ND	11	
Aflatoxin G2	3.94	4.34	1	0	ND	11	
Ochratoxin A	9.84	8.68	1	20	ND	11	

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

LC-MS/MS

#### **Sample Prep**

Batch Date: 11/10/2023 SOP: 432.AZ Batch Number: 342

#### **Sample Analysis**

Date: 11/15/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.5082 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	0.082 / 0.246	1	0.5	ND	M2	Hexythiazox	0.164 / 0.492	1	1	ND	M2
Acephate	0.066 / 0.197	1	0.4	ND		Imazalil	0.032 / 0.098	1	0.2	ND	M2
Acetamiprid	0.032 / 0.098	1	0.2	ND	M2	Imidacloprid	0.066 / 0.197	1	0.4	ND	
Aldicarb	0.066 / 0.197	1	0.4	ND		Kresoxim-methyl	0.066 / 0.197	1	0.4	ND	M2
Azoxystrobin	0.032 / 0.098	1	0.2	ND	M2	Malathion	0.032 / 0.098	1	0.2	ND	11
Bifenazate	0.032 / 0.098	1	0.2	ND		Metalaxyl	0.032 / 0.098	1	0.2	ND	M2
Bifenthrin	0.032 / 0.098	1	0.2	ND	M2	Methiocarb	0.032 / 0.098	1	0.2	ND	M2
Boscalid	0.066 / 0.197	1	0.4	ND	M2	Methomyl	0.066 / 0.197	1	0.4	ND	
Carbaryl	0.032 / 0.098	1	0.2	ND	M2	Myclobutanil	0.032 / 0.098	1	0.2	ND	I1, M2
Carbofuran	0.032 / 0.098	1	0.2	ND	M2	Naled	0.082 / 0.246	1	0.5	ND	M2
Chlorantraniliprole	0.032 / 0.098	1	0.2	ND	M2	Oxamyl	0.164 / 0.492	1	1	ND	
Chlorfenapyr	0.164 / 0.492	1	1	ND	M2	Paclobutrazol	0.066 / 0.197	1	0.4	ND	M2
Chlorpyrifos	0.032 / 0.098	1	0.2	ND	M2	Permethrins	0.032 / 0.098	1	0.2	ND	M2
Clofentezine	0.032 / 0.098	1	0.2	ND	M2	Phosmet	0.032 / 0.098	1	0.2	ND	M2
Cyfluthrin	0.164 / 0.492	1	1	ND	M2	Piperonyl Butoxide	0.328 / 0.984	1	2	ND	M2
Cypermethrin	0.164 / 0.492	1	1	ND	M2	Prallethrin	0.032 / 0.098	1	0.2	ND	M2
Daminozide	0.164 / 0.492	1	1	ND	M2	Propiconazole	0.066 / 0.197	1	0.4	ND	M2
Diazinon	0.032 / 0.098	1	0.2	ND	M2	Propoxur	0.032 / 0.098	1	0.2	ND	M2
Dichlorvos	0.017 / 0.049	1	0.1	ND	I1, M2	Pyrethrins	0.137 / 0.412	1	1	ND	I1, M2
Dimethoate	0.032 / 0.098	1	0.2	ND		Pyridaben	0.032 / 0.098	1	0.2	ND	M2
Ethoprophos	0.032 / 0.098	1	0.2	ND	M2 R1	Spinosad	0.032 / 0.098	1	0.2	ND	M2
Etofenprox	0.066 / 0.197	1	0.4	ND	M2	Spiromesifen	0.032 / 0.098	1	0.2	ND	M2
Etoxazole	0.032 / 0.098	1	0.2	ND	M2	Spirotetramat	0.032 / 0.098	1	0.2	ND	
Fenoxycarb	0.032 / 0.098	1	0.2	ND	M2	Spiroxamine	0.066 / 0.197	1	0.4	ND	
Fenpyroximate	0.066 / 0.197	1	0.4	ND	M2	Tebuconazole	0.066 / 0.197	1	0.4	ND	M2
Fipronil	0.066 / 0.197	1	0.4	ND	11	Thiacloprid	0.032 / 0.098	1	0.2	ND	M2
Flonicamid	0.164 / 0.492	1	1	ND		Thiamethoxam	0.032 / 0.098	1	0.2	ND	
Fludioxonil	0.066 / 0.197	1	0.4	ND	M2	Trifloxystrobin	0.032 / 0.098	1	0.2	ND	M2

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- 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:

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