



CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Certificate: 9192

Peg's Raspberry Orange RSO - 1000 mg

Batch #: A502241031 Strain: Black Dog Parent Batch #: OGZR-094 Production Method: Alcohol Harvest Date: 09/12/2024 Received: 11/05/2024

Sample ID: 2411SMAZ1399.4219 Amount Received: 61.5 g Sample Type: Soft Chew Sample Collected: 11/05/2024 12:18:00 Manufacture Date: 10/31/2024 Published: 11/07/2024



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







CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 9192

Cannabinoid Profile		Sample Prep	Sample Analysis		
		Batch Date: 11/05/2024 SOP: 418.AZ	Date: 11/06/2024 SOP: 417.AZ - HPLC		
HPLC	Tested	Batch Number: 2195	Sample Weight: 1.013g Volume: 10 mL		

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.006	0.019	2	0.018	0.176	1.082	10.824	
CBD	0.006	0.019	2	0.007	0.066	0.406	4.059	
CBDA	0.006	0.019	2	ND	ND	ND	ND	
CBDV	0.006	0.019	2	ND	ND	ND	ND	
CBG	0.006	0.019	2	0.045	0.448	2.755	27.552	
CBGA	0.006	0.019	2	ND	ND	ND	ND	
CBN	0.006	0.019	2	0.022	0.216	1.328	13.284	
d8-THC	0.006	0.019	2	ND	ND	ND	ND	
d9-THC	0.006	0.019	2	1.667	16.674	102.545	1025.451	
THCA	0.006	0.019	2	ND	ND	ND	ND	
THCV	0.006	0.019	2	0.008	0.079	0.486	4.859	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	1.667	16.674	102.545	1025.451	
Total CBD	0.007	0.066	0.406	4.059	
Total Cannabinoids	1.766	17.660	108.609	1086.090	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: 6.15 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: 9192



CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Microbial Analysis Pass **Sample Analysis Sample Prep** Batch Date: 11/06/2024 Date: 11/07/2024 SOP: 412.AZ SOP: 412.AZ - 3M Petrifilm Batch Number: 2198 Sample Weight: 1.011 g Analyte Allowable Criteria Actual Result Pass/Fail Qualifier E. coli < 10 CFU/g < 10 CFU/g Pass **Sample Prep Sample Analysis** Batch Date: 11/06/2024 Date: 11/07/2024 SOP: 406.AZ **SOP:** 406.AZ - qPCR (MG) Batch Number: 2197 Sample Weight: 1.025 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	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: 9192

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.

Cultivated By:

Manufactured By:

Disclaimer: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Ahmed Munshi

Technical Laboratory Director

AMMunshi

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







Notes:



CERTIFICATE OF ANALYSIS License #: 00000020LCVT89602592

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: 8718

RSO Extract

Batch #: OGZR-094 Strain: Black Dog Parent Batch #: OGZR-094 Production Method: Alcohol Harvest Date: 09/12/2024 Received: 10/04/2024 Sample ID: 2410SMAZ1261.3863 Amount Received: 7.1 g Sample Type: RSO Sample Collected: 10/04/2024 10:56:00 Manufacture Date: 09/12/2024 Published: 10/10/2024



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









CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Cannabinoid Profile		Sample Prep	Sample Analysis		
		Batch Date: 10/04/2024 SOP: 418.AZ	Date: 10/07/2024 SOP: 417.AZ - HPLC		
HPLC	Tested	Batch Number: 2057	Sample Weight: 0.042 g Volume: 40 mL		

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.307	0.930	1	0.788	7.877	
CBD	0.307	0.930	1	0.253	2.531	
CBDA	0.307	0.930	1	ND	ND	
CBDV	0.307	0.930	1	ND	ND	
CBG	0.307	0.930	1	1.888	18.881	
CBGA	0.307	0.930	1	ND	ND	
CBN	0.307	0.930	1	0.993	9.926	
d8-THC	0.307	0.930	1	ND	ND	
d9-THC	0.307	0.930	1	73.743	737.432	
THCA	0.307	0.930	1	ND	ND	
THCV	0.307	0.930	1	0.339	3.386	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	73.743	737.432	
Total CBD	0.253	2.531	
Total Cannabinoids	78.003	780.033	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: 8718



CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Microbial Ana	alysis			
	Pass			
Batch Date: 10/07/2024 SOP: 431.AZ Batch Number: 2059	Sample Prep	Date: 10/08/2024 SOP: 431.AZ - TEMP Sample Weight: 1.0	i	
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 100 CFU/g	Pass	
Batch Date: 10/07/2024 SOP: 406.AZ Batch Number: 2058 Analyte	Allowable Criteria	Date: 10/09/2024 SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result	(MG))40 g Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	
Batch Date: 10/07/2024 SOP: 406.AZ Batch Number: 2058	Sample Prep	Date: 10/09/2024 SOP: 406.AZ - qPCR Sample Weight: 1.0	Sample Analysis (MG) ^{240 g}	
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	

Ahmed Munshi

Aspergillus terreus

Technical Laboratory Director

AMMunshi

Not Detected in One Gram

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

Pass



The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04. This COA is governed by the terms and conditions listed on: https://www.smithers.com/arizona-terms-conditions

Not Detected in One Gram





CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Certificate: 8718

Residual Solvents				Sampl	e Prep		Sample Analysis				
HS-GC-MS Pass				Batch Date: 10/09/2024 SOP: 405.AZ Batch Number: 2062			Date: 10/10/2024 SOP: 405.AZ - HS-GC-MS Sample Weight: 0.051g				
				1						1	
A. 1.1.		D'I	Action	Results	0	A 11		D.1	Action	Results	0

Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	(ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	(ppm)	Qualifier
Acetone	65 / 196	1	1000	<loq< td=""><td></td><td>Heptane</td><td>327 / 980</td><td>1</td><td>5000</td><td>ND</td><td></td></loq<>		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							

Ahmed Munshi

Technical Laboratory Director

AMMunshi

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





Certificate: 8718



CERTIFICATE OF ANALYSIS

License #: 00000020LCVT89602592

Heavy Metals		Sample Prep	Sample Analysis		
		Batch Date: 10/08/2024 SOP: 428.AZ	Date: 10/09/2024 SOP: 428.AZ - ICP-MS		
ICP-MS	Pass	Batch Number: 2061	Sample Weight: 0.211g Volume: 6 mL		

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.057	0.190	10	0.4	ND	
Cadmium	0.057	0.190	10	0.4	ND	
Lead	0.057	0.474	10	1	ND	
Mercury	0.057	0.095	10	0.2	ND	

Mycotoxin A	nalysis
LC-MS/MS	Pass

Sample Prep Batch Date: 10/09/2024 SOP: 432.AZ Batch Number: 2064

Sample Analysis

Date: 10/10/2024 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.532 g Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.76	9.40	1	20	ND	M2 R1 V1
Aflatoxin B1	3.76	9.40	1		ND	11
Aflatoxin B2	3.76	9.40	1		ND	11
Aflatoxin G1	3.76	9.40	1		ND	V1
Aflatoxin G2	3.76	4.70	1		ND	M2 R1
Ochratoxin A	9.40	9.40	1	20	ND	I1, L1 M1 V1

Ahmed Munshi

Technical Laboratory Director

AMMunshi

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





Certificate: 8718

SMITHERS

CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Pesticides, Fungicides, and **Growth Regulators**

LC-MS/MS

Pass

Sample Prep Batch Date: 10/09/2024 SOP: 432.AZ Batch Number: 2064

Sample Analysis

Date: 10/10/2024 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.532 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	0.078 / 0.235	1	0.5	ND	M2	Hexythiazox	0.157 / 0.470	1	1	ND	M2
Acephate	0.063 / 0.188	1	0.4	ND		Imazalil	0.031/0.094	1	0.2	ND	
Acetamiprid	0.031/0.094	1	0.2	ND	M2	Imidacloprid	0.063 / 0.188	1	0.4	ND	
Aldicarb	0.063 / 0.188	1	0.4	ND		Kresoxim-methyl	0.063 / 0.188	1	0.4	ND	M2
Azoxystrobin	0.031/0.094	1	0.2	ND		Malathion	0.031/0.094	1	0.2	ND	l1, M2
Bifenazate	0.031/0.094	1	0.2	ND	M1	Metalaxyl	0.031/0.094	1	0.2	ND	
Bifenthrin	0.031/0.094	1	0.2	ND	M2	Methiocarb	0.031/0.094	1	0.2	ND	M2
Boscalid	0.063 / 0.188	1	0.4	ND	M2	Methomyl	0.063 / 0.188	1	0.4	ND	
Carbaryl	0.031/0.094	1	0.2	ND	M2	Myclobutanil	0.031/0.094	1	0.2	ND	M2
Carbofuran	0.031 / 0.094	1	0.2	ND	M2	Naled	0.078 / 0.235	1	0.5	ND	M2
Chlorantraniliprole	0.031 / 0.094	1	0.2	ND	M2	Oxamyl	0.157 / 0.470	1	1	ND	
Chlorfenapyr	0.157 / 0.470	1	1	ND	l1, M2	Paclobutrazol	0.063 / 0.188	1	0.4	ND	M2
Chlorpyrifos	0.031/0.094	1	0.2	ND	M2	Permethrins	0.031/0.094	1	0.2	ND	M2
Clofentezine	0.031/0.094	1	0.2	ND	M2	Phosmet	0.031/0.094	1	0.2	ND	M2
Cyfluthrin	0.157 / 0.470	1	1	ND	M2	Piperonyl Butoxide	0.313 / 0.940	1	2	ND	M2
Cypermethrin	0.157 / 0.470	1	1	ND	M2	Prallethrin	0.031 / 0.094	1	0.2	ND	M2
Daminozide	0.157 / 0.470	1	1	ND		Propiconazole	0.063 / 0.188	1	0.4	ND	M2
Diazinon	0.031/0.094	1	0.2	ND	M2	Propoxur	0.031 / 0.094	1	0.2	ND	M2
Dichlorvos	0.016 / 0.047	1	0.1	ND	M2	Pyrethrins	0.131 / 0.394	1	1	ND	I1, M2
Dimethoate	0.031/0.094	1	0.2	ND		Pyridaben	0.031/0.094	1	0.2	ND	M2
Ethoprophos	0.031/0.094	1	0.2	ND	M2	Spinosad	0.031/0.094	1	0.2	ND	M2
Etofenprox	0.063 / 0.188	1	0.4	ND	M2	Spiromesifen	0.031 / 0.094	1	0.2	ND	M2
Etoxazole	0.031/0.094	1	0.2	ND	M2	Spirotetramat	0.031/0.094	1	0.2	ND	
Fenoxycarb	0.031/0.094	1	0.2	ND	M2	Spiroxamine	0.063 / 0.188	1	0.4	ND	
Fenpyroximate	0.063 / 0.188	1	0.4	ND	M2	Tebuconazole	0.063 / 0.188	1	0.4	ND	M2
Fipronil	0.063 / 0.188	1	0.4	ND		Thiacloprid	0.031/0.094	1	0.2	ND	M2
Flonicamid	0.157 / 0.470	1	1	ND		Thiamethoxam	0.031/0.094	1	0.2	ND	
Fludioxonil	0.063 / 0.188	1	0.4	ND	M2	Trifloxystrobin	0.031 / 0.094	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: 8718

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.

Cultivated By:

Manufactured By:

Disclaimer: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

Ahmed Munshi

Technical Laboratory Director

AMMunshi

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







Notes:



CERTIFICATE OF ANALYSIS License #: 00000020LCVT89602592

Ahmed Munshi

Technical Laboratory Director

AMMunshi

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

