



MDM Prime LLC
 2015 N Forbes
 Suite 110
 Tucson, AZ 85745
 License #: 00000039DCVR00320237
 Sample ID: 2410SMAZ1316.4026
 Batch #: A210241016



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 8945

Peg's BIG Raspberry Orange RSO - 100 mg

Batch #: A210241016
 Strain: Black Dog
 Parent Batch #: OGZR-094
 Production Method: Alcohol
 Harvest Date: 09/12/2024
 Received: 10/18/2024

Sample ID: 2410SMAZ1316.4026
 Amount Received: 5.9 g
 Sample Type: Soft Chew
 Sample Collected: 10/18/2024 11:37:00
 Manufacture Date: 10/16/2024
 Published: 10/22/2024



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	10.149 mg/serving 101.490 mg/container Total THC
Pesticides, Fungicides, and Growth Regulators Not Tested	Mycotoxins Not Tested	Heavy Metals Not Tested	

Additional Analytes (Not Regulated)

Terpenes Total (Q3) Not Tested	Moisture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested	0.137 mg/serving 1.365 mg/container CBN
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested	
			10.752 mg/serving 107.520 mg/container Total Cannabinoids (Q3)

Ahmed Munshi
 Technical Laboratory Director

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



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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 10/18/2024
 SOP: 418.AZ
 Batch Number: 2111

Sample Analysis

Date: 10/22/2024
 SOP: 417.AZ - HPLC
 Sample Weight: 1.044 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	0.009	1	0.007	0.074	0.111	1.110	
CBD	0.003	0.009	1	0.002	0.024	0.036	0.360	
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	0.018	0.183	0.274	2.745	
CBGA	0.003	0.009	1	ND	ND	ND	ND	
CBN	0.003	0.009	1	0.009	0.091	0.137	1.365	
d8-THC	0.003	0.009	1	ND	ND	ND	ND	
d9-THC	0.003	0.009	1	0.677	6.766	10.149	101.490	
THCA	0.003	0.009	1	ND	ND	ND	ND	
THCV	0.003	0.009	1	0.003	0.030	0.045	0.450	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.677	6.766	10.149	101.490	
Total CBD	0.002	0.024	0.036	0.360	
Total Cannabinoids	0.717	7.168	10.752	107.520	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: 1.5 None; Servings/Package: 10

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Certificate: 8945

Microbial Analysis
 Pass

Sample Prep

Batch Date: 10/21/2024
 SOP: 431.AZ
 Batch Number: 2116

Sample Analysis

Date: 10/22/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.005 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 10 CFU/g	< 10 CFU/g	Pass	

Sample Prep

Batch Date: 10/21/2024
 SOP: 406.AZ
 Batch Number: 2115

Sample Analysis

Date: 10/22/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.002 g

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

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CERTIFICATE OF ANALYSIS
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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.
- 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.

Cultivated By:

Manufactured By:

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

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SMITHERS

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Notes:



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Accreditation #: 103104

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 Sample ID: 2410SMAZ1261.3863
 Batch #: OGZR-094



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

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

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Pass	73.743% Total THC	
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass		0.253% Total CBD
Additional Analytes (Not Regulated)				0.993% CBN
Terpenes Total (Q3) Not Tested	Moisture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested	1.888% CBG	
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested	78.003% Total Cannabinoids (Q3)	

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 Batch #: OGZR-094



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Certificate: 8718

Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 10/04/2024
 SOP: 418.AZ
 Batch Number: 2057

Sample Analysis

Date: 10/07/2024
 SOP: 417.AZ - HPLC
 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

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 Batch #: OGZR-094



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Certificate: 8718

Microbial Analysis
Pass

Sample Prep

Batch Date: 10/07/2024
 SOP: 431.AZ
 Batch Number: 2059

Sample Analysis

Date: 10/08/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.009 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 100 CFU/g	Pass	

Sample Prep

Batch Date: 10/07/2024
 SOP: 406.AZ
 Batch Number: 2058

Sample Analysis

Date: 10/09/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.040 g

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

Sample Prep

Batch Date: 10/07/2024
 SOP: 406.AZ
 Batch Number: 2058

Sample Analysis

Date: 10/09/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.040 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	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

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Certificate: 8718

Residual Solvents
 HS-GC-MS **Pass**

Sample Prep
 Batch Date: 10/09/2024
 SOP: 405.AZ
 Batch Number: 2062

Sample Analysis
 Date: 10/10/2024
 SOP: 405.AZ - HS-GC-MS
 Sample Weight: 0.051 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	65 / 196	1	1000	<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							

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Heavy Metals

ICP-MS **Pass**

Sample Prep
 Batch Date: 10/08/2024
 SOP: 428.AZ
 Batch Number: 2061

Sample Analysis
 Date: 10/09/2024
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.211 g
 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 Analysis

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	I1
Aflatoxin B2	3.76	9.40	1		ND	I1
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

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**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	I1, M2
Bifenazate	0.031 / 0.094	1	0.2	ND	M1	Metaxyl	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	I1, M2	Pacllobutrazol	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
Fonicamid	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

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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>



MDM Prime LLC
 2015 N Forbes
 Suite 110
 Tucson, AZ 85745
 License #: 00000039DCVR00320237
 Sample ID: 2410SMAZ1261.3863
 Batch #: OGZR-094



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

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.
- 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.

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

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



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Notes:



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