



CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

Certificate: 2202

The Fruits, Sunny Sativa - 100mg

Batch #: A005231115 Strain: Blue Dream Parent Batch #: OGZD-VE423S Sample Collected: 11/22/2023 11:05:00 Published: 12/04/2023 Sample ID: 23115MAZ1780.6991 Amount Received: 61.2 g Sample Type: Soft Chew Received: 11/30/2023



COMPLIANCE FOR RETAIL

Regulated Analytes



Ahmed Munshi

Technical Laboratory Director

AMMunshi

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Cannabinoid Profile		Sample Prep	Sample Analysis
		Batch Date: 11/28/2023 SOP: 418.AZ	Date: 11/30/2023 SOP: 417.AZ - HPLC
HPLC	Tested	Batch Number: 438	Sample Weight: 1.068 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	0.001	0.011	0.067	0.673	
CBD	0.003	0.009	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<>	
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	0.003	0.033	0.202	2.020	
CBGA	0.003	0.009	1	ND	ND	ND	ND	
CBN	0.003	0.009	1	0.001	0.010	0.061	0.612	
d8-THC	0.003	0.009	1	ND	ND	ND	ND	
d9-THC	0.003	0.009	1	0.165	1.646	10.074	100.735	
THCA	0.003	0.009	1	ND	ND	ND	ND	
THCV	0.003	0.009	1	0.002	0.021	0.129	1.285	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.165	1.646	10.074	100.735	
Total CBD	<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<>	
Total Cannabinoids	0.172	1.721	10.533	105.325	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: 6.12 None; Servings/Package: 10

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Microbial An	alysis			
	Pass			
	Sample Prep		Sample Analysi	s
Batch Date: 11/28/2023 SOP: 431.AZ Batch Number: 433		Date: 11/30/2023 SOP: 431.AZ - TEM Sample Weight: 1		
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 10 CFU/g	< 10 CFU/g	Pass	
	Sample Prep		Sample Analysi	S
Batch Date: 11/28/2023 SOP: 406.AZ Batch Number: 425		Date: 11/30/2023 SOP: 406.AZ - qPC Sample Weight: 1		

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	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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Sativa Distillate

Batch #: OGZD-VE423S Strain: Blue Dream Parent Batch #: Sample Collected: 11/03/2023 11:58:00 Published: 11/09/2023 Sample ID: 2311SMAZ0257.0797 Amount Received: 6.8 g Sample Type: Distillate Received: 11/03/2023



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Cannabinoid Profile		Sample Prep	Sample Analysis
Cumusmo		Batch Date: 11/06/2023 SOP: 418.AZ	Date: 11/09/2023 SOP: 417.AZ - HPLC
HPLC	Tested	Batch Number: 308	Sample Weight: 0.040 g Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.322	0.977	1	0.705	7.045	
CBD	0.322	0.977	1	0.242	2.425	
CBDA	0.322	0.977	1	ND	ND	
CBDV	0.322	0.977	1	ND	ND	
CBG	0.322	0.977	1	1.774	17.738	
CBGA	0.322	0.977	1	ND	ND	
CBN	0.322	0.977	1	0.404	4.040	
18-THC	0.322	0.977	1	ND	ND	
d9-THC	0.322	0.977	1	93.999	939.985	
THCA	0.322	0.977	1	ND	ND	
THCV	0.322	0.977	1	1.135	11.348	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	93.999	939.985	
Total CBD	0.242	2.425	
Total Cannabinoids	98.258	982.581	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 Anal	ysis Pass			
Batch Date: 11/07/2023 50P: 431.AZ Batch Number: 319	Sample Prep	Date: 11/09/2023 SOP: 431.AZ - TEMP Sample Weight: 1.0		
Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 10 CFU/g	Pass	
Batch Date: 11/07/2023 SOP: 406.AZ Batch Number: 316 Analyte	Allowable Criteria	Date: 11/09/2023 SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result		Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	
Sample Prep Batch Date: 11/07/2023 SOP: 406.AZ Batch Number: 316		Date: 11/09/2023 SOP: 406.AZ - qPCR Sample Weight: 1.0		
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				

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Limit

(ppm)

1000

410

2

5000

60

600

5000

5000

5000

1

1

1

1

1

1

1

1

1

(ppm)

ND

ND

ND

ND

ND

ND

ND

ND

ND

LOD / LOQ (ppm)

66 / 200

28 / 82

0.14 / 0.40

166 / 500

4/12

40 / 120

334 / 1000

334 / 1000

334 / 1000

Certificate: 1501

Analyte

Acetone

Benzene

Butanes

Ethanol

Ethyl acetate

Ethyl ether

Chloroform

Dichloromethane

Acetonitrile



LOD / LOQ (ppm)

334 / 1000

48/145

334 / 1000

200 / 600

334 / 1000

334 / 1000

60 / 178

290 / 868

CERTIFICATE OF ANALYSIS

Qualifier

License #: 00000020LCVT89602592

Limit

(ppm)

5000

290

5000

3000

5000

5000

890

2170

1

1

1

1

1

1

1

1

(ppm)

ND

ND

ND

ND

ND

ND

ND

ND

Residual S	Residual Solvents			Sample Prep			Sa	Sample Analysis					
			Batch Date: 11/07/2023 SOP: 405.AZ		Date: 11/09/2023 SOP: 405.AZ - HS-GC-MS								
HS-GC-MS	Pass	5	J	Batch Number: 315			Sample Weight: 0.050 g						
		_		_									
		- "	Action	Results	- 114				- 4	Action	Results		

Analyte

Heptane

Hexanes

Methanol

Pentanes

Toluene

Xylenes

Isopropyl acetate

2-Propanol (IPA)

Qualifier

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Heavy Metal	\$	Sample Prep	Sample Analysis				
	5	Batch Date: 11/09/2023 SOP: 428.AZ	Date: 11/09/2023 SOP: 428.AZ - ICP-MS				
ICP-MS	Pass	Batch Number: 331	Sample Weight: 0.226 g Volume: 6 mL				

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.018	0.177	10	0.4	ND	
Cadmium	0.018	0.177	10	0.4	ND	M1
Lead	0.018	0.443	10	1	ND	
Mercury	0.018	0.088	10	0.2	ND	

Mycotoxin Ana	alysis
LC-MS/MS	Pass

Sample Prep Batch Date: 11/06/2023 SOP: 432.AZ Batch Number: 307 Sample Analysis

Date: 11/09/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.564 g Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier	
Total Aflatoxins	3.55	8.87	1	20	ND	M2 R1 V1	
Aflatoxin B1	3.55	9.54	1	0	ND	I1, M2	
Aflatoxin B2	3.55	9.54	1	0	ND	M2 V1	
Aflatoxin G1	3.55	9.54	1	0	ND		
Aflatoxin G2	3.55	4.77	1	0	ND	M2 R1	
Ochratoxin A	8.87	9.54	1	20	ND	I1, R1V1	

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SMITHERS

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

LC-MS/MS

Sample Prep Batch Date: 11/06/2023 SOP: 432.AZ Batch Number: 307

Sample Analysis

Date: 11/09/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.564 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 / 0.222	1	0.5	ND	M2 V1	Hexythiazox	0.148 / 0.443	1	1	ND	M2
Acephate	0.059 / 0.177	1	0.4	ND		Imazalil	0.029 / 0.089	1	0.2	ND	
Acetamiprid	0.029 / 0.089	1	0.2	ND	M2	Imidacloprid	0.059 / 0.177	1	0.4	ND	M2
Aldicarb	0.059 / 0.177	1	0.4	ND		Kresoxim-methyl	0.059 / 0.177	1	0.4	ND	M2
Azoxystrobin	0.029 / 0.089	1	0.2	ND	M2	Malathion	0.029 / 0.089	1	0.2	ND	
Bifenazate	0.029 / 0.089	1	0.2	ND	M2	Metalaxyl	0.029 / 0.089	1	0.2	ND	
Bifenthrin	0.029 / 0.089	1	0.2	ND	M2 V1	Methiocarb	0.029/0.089	1	0.2	ND	M2
Boscalid	0.059 / 0.177	1	0.4	ND	M2	Methomyl	0.059 / 0.177	1	0.4	ND	
Carbaryl	0.029 / 0.089	1	0.2	ND	M2	Myclobutanil	0.029 / 0.089	1	0.2	ND	l1, M2
Carbofuran	0.029 / 0.089	1	0.2	ND	M2	Naled	0.074 / 0.222	1	0.5	ND	M2
Chlorantraniliprole	0.029 / 0.089	1	0.2	ND	M2	Oxamyl	0.148 / 0.443	1	1	ND	M2
Chlorfenapyr	0.148 / 0.443	1	1	ND	l1, M2	Paclobutrazol	0.059 / 0.177	1	0.4	ND	M2
Chlorpyrifos	0.029 / 0.089	1	0.2	ND	M2	Permethrins	0.029 / 0.089	1	0.2	ND	I1, M2
Clofentezine	0.029 / 0.089	1	0.2	ND	M2	Phosmet	0.029 / 0.089	1	0.2	ND	M2
Cyfluthrin	0.148 / 0.443	1	1	ND	I1, M2 V1	Piperonyl Butoxide	0.295 / 0.887	1	2	ND	M2
Cypermethrin	0.148 / 0.443	1	1	ND	M2 V1	Prallethrin	0.029 / 0.089	1	0.2	ND	M2
Daminozide	0.148 / 0.443	1	1	ND	M2	Propiconazole	0.059 / 0.177	1	0.4	ND	M2
Diazinon	0.029 / 0.089	1	0.2	ND	M2	Propoxur	0.029 / 0.089	1	0.2	ND	M2
Dichlorvos	0.015 / 0.044	1	0.1	ND	M2	Pyrethrins	0.124 / 0.371	1	1	ND	l1, M2
Dimethoate	0.029 / 0.089	1	0.2	ND		Pyridaben	0.029 / 0.089	1	0.2	ND	M2
Ethoprophos	0.029 / 0.089	1	0.2	ND	M2	Spinosad	0.029 / 0.089	1	0.2	ND	M2
Etofenprox	0.059 / 0.177	1	0.4	ND	M2	Spiromesifen	0.029 / 0.089	1	0.2	ND	M2
Etoxazole	0.029 / 0.089	1	0.2	ND	M2	Spirotetramat	0.029 / 0.089	1	0.2	ND	
Fenoxycarb	0.029 / 0.089	1	0.2	ND	M2	Spiroxamine	0.059 / 0.177	1	0.4	ND	
Fenpyroximate	0.059 / 0.177	1	0.4	ND	M2	Tebuconazole	0.059 / 0.177	1	0.4	ND	M2
Fipronil	0.059 / 0.177	1	0.4	ND		Thiacloprid	0.029 / 0.089	1	0.2	ND	M2
Flonicamid	0.148 / 0.443	1	1	ND		Thiamethoxam	0.029 / 0.089	1	0.2	ND	
Fludioxonil	0.059 / 0.177	1	0.4	ND	M2	Trifloxystrobin	0.029 / 0.089	1	0.2	ND	M2

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- 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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