





CERTIFICATE OF ANALYSIS

License #: 0000020LCVT89602592

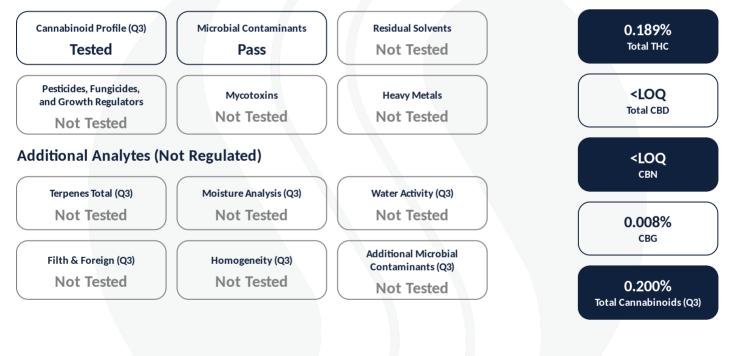
BITS Acai Affection 100mg

Batch #: 231208BAA Strain: Hybrid Blend Parent Batch #: 230929MDIS Sample Collected: 12/08/2023 12:25:00 Published: 12/15/2023 Sample ID: 2312SMAZ1865.7250 Amount Received: 56.8 g Sample Type: Soft Chew Received: 12/08/2023



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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Cannabinoid Profile		Sample Prep	Sample Analysis
Carnabilio		Batch Date: 12/11/2023	Date: 12/15/2023
		SOP: 418.AZ	SOP: 417.AZ - HPLC
HPLC	Tested	Batch Number: 519	Sample Weight: 1.003 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	0.021	0.060	1.193	
CBD	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<>	
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	0.008	0.077	0.219	4.374	
CBGA	0.003	0.010	1	ND	ND	ND	ND	
CBN	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<>	
d8-THC	0.003	0.010	1	ND	ND	ND	ND	
d9-THC	0.003	0.010	1	0.189	1.891	5.370	107.409	
THCA	0.003	0.010	1	ND	ND	ND	ND	
THCV	0.003	0.010	1	0.002	0.016	0.045	0.909	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	0.189	1.891	5.370	107.409	
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	0.200	2.004	5.691	113.827	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: 2.84 5mg THC each ; Servings/Package: 20

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Microbial Analysis Pass **Sample Prep Sample Analysis** Batch Date: 12/10/2023 Date: 12/15/2023 SOP: 431.AZ SOP: 431.AZ - TEMPO (MPN) Batch Number: 513 Sample Weight: 1.006 g Analyte Allowable Criteria Actual Result Pass/Fail Qualifier E. coli < 10 CFU/g < 10 CFU/g Pass **Sample Prep Sample Analysis**

Batch Date: 12/10/2023 SOP: 406.AZ Batch Number: 511

 Analyte
 Allowable Criteria
 Actual Result
 Pass/Fail
 Qualifier

 Salmonella
 Not Detected in One Gram
 Not Detected in One Gram
 Pass

Date: 12/15/2023

SOP: 406.AZ - qPCR (MG)

Sample Weight: 1.018 g

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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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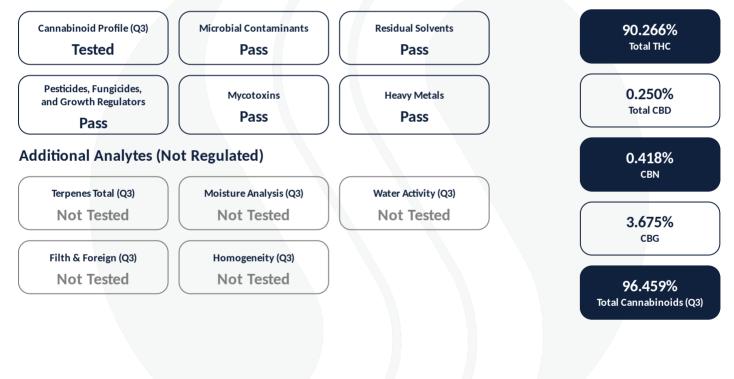
Distillate

Batch #: 230929MDIS Strain: Hybrid Blend Parent Batch #: Sample Collected: 10/02/2023 11:54:00 Published: 10/09/2023 Sample ID: 2310SMAZ0066.0136 Amount Received: 5.6 g Sample Type: Distillate Received: 10/03/2023



COMPLIANCE FOR RETAIL

Regulated Analytes



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ofile		
	Batch Date: 10/06/2023	Date: 10/09/2023
	SOP: 418.AZ	SOP: 417.AZ - HPLC
Tested	Batch Number: 96	Sample Weight: 0.042 g
TESTER		Volume: 40 mL
	Tested	SOP: 418.AZ

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.613	1.861	2	1.032	10.322	
CBD	0.613	1.861	2	0.250	2.499	
CBDA	0.613	1.861	2	ND	ND	
CBDV	0.613	1.861	2	ND	ND	
CBG	0.613	1.861	2	3.675	36.752	
CBGA	0.613	1.861	2	ND	ND	
CBN	0.613	1.861	2	0.418	4.179	
d8-THC	0.613	1.861	2	ND	ND	
d9-THC	0.613	1.861	2	90.266	902.657	
THCA	0.613	1.861	2	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
THCV	0.613	1.861	2	0.818	8.179	

Cannabinoid Totals	s Actual % (w/w) mg/g		Qualifier
Total THC	90.266	902.657	
Total CBD	0.250	2.499	
Total Cannabinoids	96.459	964.589	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 An	alysis Pass			
Batch Date: 10/02/2023 SOP: 431.AZ Batch Number: 56	Sample Prep	Date: 10/04/2023 SOP: 431.AZ - TEMP(Sample Weight: 1.0		
Analyte E. coli	Allowable Criteria	Actual Result < 100 CFU/g	Pass/Fail Pass	Qualifier
Batch Date: 10/04/2023 SOP: 406.AZ Batch Number: 75 Analyte	Sample Prep Allowable Criteria	Date: 10/06/2023 SOP: 406.AZ - qPCR Sample Weight: 1.0 Actual Result		Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass Sample Analysis	
Batch Date: 10/04/2023 GOP: 406.AZ Batch Number: 75	Jumpio I Top	Date: 10/06/2023 SOP: 406.AZ - qPCR Sample Weight: 1.0	(MG)	
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	

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Aspergillus terreus

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Not Detected in One Gram

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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. This COA is governed by the terms and conditions listed on: https://www.smithers.com/arizona-terms-conditions

Not Detected in One Gram



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Residual Solv	ents	Sample Prep	Sample Analysis
		Batch Date: 10/02/2023 SOP: 405.AZ	Date: 10/04/2023 SOP: 405.AZ - HS-GC-MS
HS-GC-MS	Pass	Batch Number: 63	Sample Weight: 0.049 g
	Ac	tion	Action

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Limit (ppm)	Results (ppm)	Qualifier
Acetone	67 / 204	1	1000	ND		Heptane	341 / 1020	1	5000	ND	
Acetonitrile	29 / 84	1	410	ND		Hexanes	49/148	1	290	ND	
Benzene	0.14 / 0.41	1	2	ND		Isopropyl acetate	341 / 1020	1	5000	ND	
Butanes	169/510	1	5000	ND		Methanol	204 / 612	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	341 / 1020	1	5000	ND	
Dichloromethane	41/122	1	600	ND		2-Propanol (IPA)	341 / 1020	1	5000	ND	
Ethanol	341 / 1020	1	5000	ND		Toluene	61/182	1	890	ND	
Ethyl acetate	341 / 1020	1	5000	ND		Xylenes	296 / 886	1	2170	ND	
Ethyl ether	341 / 1020	1	5000	ND							

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Heavy Metal	c	Sample Prep	Sample Analysis
	5	Batch Date: 10/03/2023 SOP: 428.AZ	Date: 10/05/2023 SOP: 428.AZ - ICP-MS
ICP-MS	Pass	Batch Number: 72	Sample Weight: 0.241g Volume: 6 mL
			Volume. on L

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.019	0.192	10	0.4	ND	
Cadmium	0.019	0.192	10	0.4	ND	
Lead	0.019	0.480	10	1	ND	
Mercury	0.019	0.096	10	0.2	ND	

Mycotoxin A	nalysis
LC-MS/MS	Pass

Sample Prep Batch Date: 10/06/2023 SOP: 432.AZ Batch Number: 93 Sample Analysis

Date: 10/06/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.514 g Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier	
Total Aflatoxins	3.89	9.73	1	20	ND	M2	
Aflatoxin B1	3.89	9.73	1	0	ND		
Aflatoxin B2	3.89	9.73	1	0	ND		
Aflatoxin G1	3.89	9.73	1	0	ND		
Aflatoxin G2	3.89	4.86	1	0	ND	M2	
Ochratoxin A	9.73	9.73	1	20	ND	I1, V1	

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

LC-MS/MS

Sample Prep

Batch Date: 10/06/2023 SOP: 432.AZ Batch Number: 93

Sample Analysis

Date: 10/06/2023 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.514 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	0.081/0.243	1	0.5	ND	L1 M2	Hexythiazox	0.162 / 0.486	1	1	ND	M2
Acephate	0.065 / 0.195	1	0.4	ND		Imazalil	0.032 / 0.097	1	0.2	ND	M2
Acetamiprid	0.032 / 0.097	1	0.2	ND		Imidacloprid	0.065 / 0.195	1	0.4	ND	
Aldicarb	0.065 / 0.195	1	0.4	ND		Kresoxim-methyl	0.065 / 0.195	1	0.4	ND	M2
Azoxystrobin	0.032 / 0.097	1	0.2	ND		Malathion	0.032 / 0.097	1	0.2	ND	11
Bifenazate	0.032 / 0.097	1	0.2	ND		Metalaxyl	0.032 / 0.097	1	0.2	ND	
Bifenthrin	0.032 / 0.097	1	0.2	ND	M2	Methiocarb	0.032 / 0.097	1	0.2	ND	M2
Boscalid	0.065 / 0.195	1	0.4	ND	M2	Methomyl	0.065 / 0.195	1	0.4	ND	
Carbaryl	0.032 / 0.097	1	0.2	ND	M2	Myclobutanil	0.032 / 0.097	1	0.2	ND	
Carbofuran	0.032 / 0.097	1	0.2	ND		Naled	0.081/0.243	1	0.5	ND	M2
Chlorantraniliprole	0.032 / 0.097	1	0.2	ND		Oxamyl	0.162 / 0.486	1	1	ND	
Chlorfenapyr	0.162 / 0.486	1	1	ND	l1, M2	Paclobutrazol	0.065 / 0.195	1	0.4	ND	M2
Chlorpyrifos	0.032 / 0.097	1	0.2	ND	M2	Permethrins	0.032 / 0.097	1	0.2	ND	
Clofentezine	0.032 / 0.097	1	0.2	ND	M2	Phosmet	0.032 / 0.097	1	0.2	ND	
Cyfluthrin	0.162 / 0.486	1	1	ND	M2	Piperonyl Butoxide	0.324 / 0.973	1	2	ND	
Cypermethrin	0.162 / 0.486	1	1	ND	M2	Prallethrin	0.032 / 0.097	1	0.2	ND	M1
Daminozide	0.162 / 0.486	1	1	ND		Propiconazole	0.065 / 0.195	1	0.4	ND	
Diazinon	0.032 / 0.097	1	0.2	ND		Propoxur	0.032 / 0.097	1	0.2	ND	
Dichlorvos	0.017 / 0.049	1	0.1	ND		Pyrethrins	0.136 / 0.408	1	1	ND	
Dimethoate	0.032 / 0.097	1	0.2	ND		Pyridaben	0.032 / 0.097	1	0.2	ND	
Ethoprophos	0.032 / 0.097	1	0.2	ND		Spinosad	0.032 / 0.097	1	0.2	ND	
Etofenprox	0.065 / 0.195	1	0.4	ND	M2	Spiromesifen	0.032 / 0.097	1	0.2	ND	
Etoxazole	0.032 / 0.097	1	0.2	ND		Spirotetramat	0.032 / 0.097	1	0.2	ND	
Fenoxycarb	0.032 / 0.097	1	0.2	ND	M2	Spiroxamine	0.065 / 0.195	1	0.4	ND	
Fenpyroximate	0.065 / 0.195	1	0.4	ND		Tebuconazole	0.065 / 0.195	1	0.4	ND	
Fipronil	0.065 / 0.195	1	0.4	ND	M1	Thiacloprid	0.032 / 0.097	1	0.2	ND	
Flonicamid	0.162 / 0.486	1	1	ND		Thiamethoxam	0.032 / 0.097	1	0.2	ND	
Fludioxonil	0.065 / 0.195	1	0.4	ND	M2	Trifloxystrobin	0.032 / 0.097	1	0.2	ND	M2

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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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