



TRU Infusion/Natures Wonder
 AZ
 85022
 License #: 00000010ESIR42914838
 Sample ID: 2310SMAZ0064.0133
 Batch #: 0914GR3BJC



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 122

Banana Jealousy Cake 0914GR3BJC

Batch #: 0914GR3BJC Sample ID: 2310SMAZ0064.0133
 Strain: Banana Jealousy Cake Amount Received: 15 g
 Parent Batch #: Sample Type: Flower - Cured
 Sample Collected: 10/02/2023 10:05:00 Received: 10/02/2023
 Published: 10/05/2023



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Not Tested
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass

Additional Analytes (Not Regulated)

Terpenes Total (Q3) Tested	Moisture Analysis (Q3) Tested	Water Activity (Q3) Not Tested
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	

24.664% Total THC
0.073% Total CBD
ND CBN
ND CBG
29.447% 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: 10/02/2023
 SOP: 418.AZ
 Batch Number: 58

Sample Analysis

Date: 10/04/2023
 SOP: 417.AZ - HPLC
 Sample Weight: 0.101 g
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.128	0.387	1	ND	ND	
CBD	0.128	0.387	1	ND	ND	
CBDA	0.128	0.387	1	0.083	0.830	
CBDV	0.128	0.387	1	ND	ND	
CBG	0.128	0.387	1	ND	ND	
CBGA	0.128	0.387	1	1.314	13.137	
CBN	0.128	0.387	1	ND	ND	
d8-THC	0.128	0.387	1	ND	ND	
d9-THC	0.128	0.387	1	0.523	5.228	
THCA	0.128	0.387	1	27.527	275.272	
THCV	0.128	0.387	1	<LOQ	<LOQ	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	24.664	246.641	
Total CBD	0.073	0.728	
Total Cannabinoids	29.447	294.467	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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Terpene Total

GC-FID **Tested (1.3804%)**

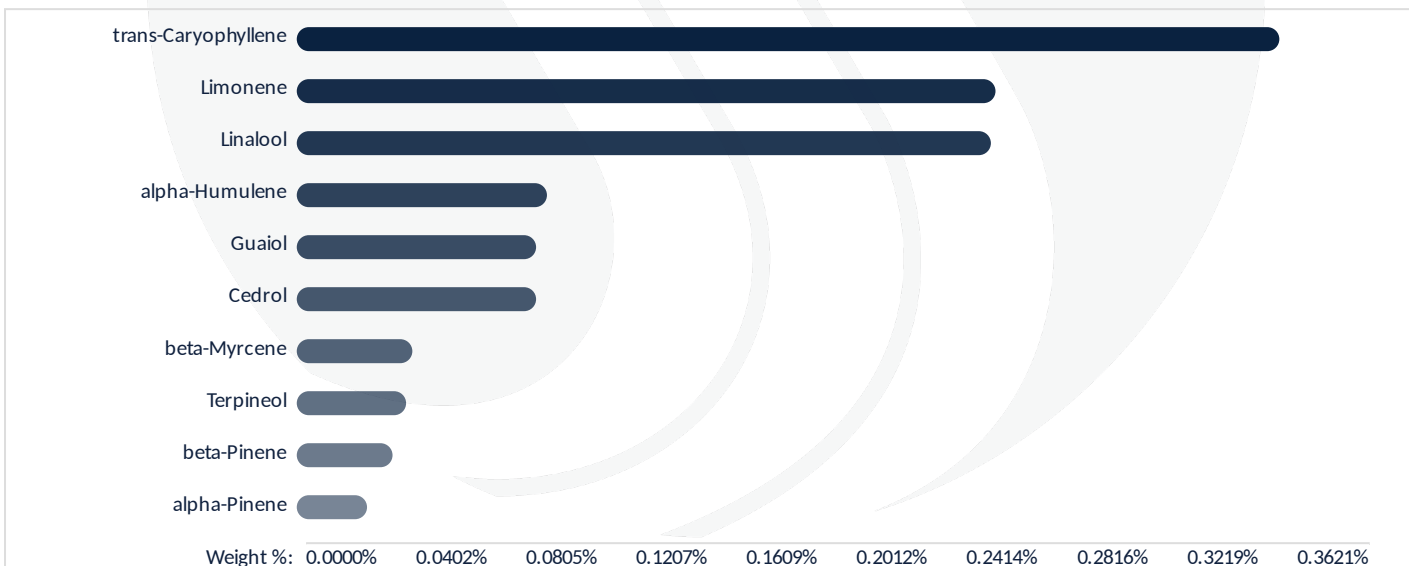
Sample Prep

Batch Date: 10/02/2023
 SOP: 419
 Batch Number: 59

Sample Analysis

Date: 10/04/2023
 SOP: 419 - GC-FID
 Sample Weight: 0.378 g
 Volume: 10 mL

Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier	Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier
alpha-Bisabolol	0.0011 / 0.0032	1	0.0254	Q3	gamma-Terpinene	0.0011 / 0.0032	1	ND	Q3
alpha-Cedrene	0.0011 / 0.0032	1	ND	Q3	Geraniol	0.0011 / 0.0032	1	ND	Q3
alpha-Humulene	0.0011 / 0.0032	1	0.0922	Q3	Geranyl acetate	0.0011 / 0.0032	1	ND	Q3
alpha-Phellandrene	0.0011 / 0.0032	1	ND	Q3	Guaiol	0.0011 / 0.0032	1	0.0882	Q3
alpha-Pinene	0.0011 / 0.0032	1	0.0259	Q3	Hexahydrothymol	0.0011 / 0.0032	1	ND	Q3
alpha-Terpinene	0.0011 / 0.0032	1	ND	Q3	Isoborneol	0.0011 / 0.0032	1	ND	Q3
beta-Myrcene	0.0011 / 0.0032	1	0.0426	Q3	Isopulegol	0.0011 / 0.0032	1	ND	Q3
beta-Pinene	0.0011 / 0.0032	1	0.0353	Q3	Limonene	0.0011 / 0.0032	1	0.2575	Q3
Borneol	0.0011 / 0.0032	1	0.0083	Q3	Linalool	0.0011 / 0.0032	1	0.2558	Q3
Camphene	0.0011 / 0.0032	1	0.0076	Q3	Nerol	0.0011 / 0.0032	1	ND	Q3
Camphor	0.0011 / 0.0032	1	ND	Q3	Pulegone (+)	0.0011 / 0.0032	1	ND	Q3
3-Carene	0.0011 / 0.0032	1	ND	Q3	Sabinene Hydrate	0.0011 / 0.0032	1	ND	Q3
Caryophyllene oxide	0.0011 / 0.0032	1	0.0219	Q3	Terpineol	0.0011 / 0.0032	1	0.0403	Q3
Cedrol	0.0011 / 0.0032	1	0.0882	Q3	Terpinolene	0.0011 / 0.0032	1	<LOQ	Q3
cis-Nerolidol	0.0011 / 0.0032	1	ND	Q3	trans-Caryophyllene	0.0011 / 0.0032	1	0.3621	Q3
cis-Ocimene	0.0011 / 0.0032	1	ND	Q3	trans-Nerolidol	0.0011 / 0.0032	1	ND	Q3
Fenchyl alcohol	0.0011 / 0.0032	1	0.0237	Q3	trans-Ocimene	0.0011 / 0.0032	1	ND	Q3
Eucalyptol	0.0011 / 0.0032	1	ND	Q3	Valencene	0.0011 / 0.0032	1	ND	Q3
Fenchone	0.0011 / 0.0032	1	0.0054	Q3					



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Microbial Analysis
 Pass

Sample Prep

Batch Date: 10/02/2023
 SOP: 431.AZ
 Batch Number: 56

Sample Analysis

Date: 10/04/2023
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.048 g

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

Sample Prep

Batch Date: 10/02/2023
 SOP: 406.AZ
 Batch Number: 65

Sample Analysis

Date: 10/05/2023
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.019 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: 10/02/2023
 SOP: 406.AZ
 Batch Number: 65

Sample Analysis

Date: 10/05/2023
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.019 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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Heavy Metals

ICP-MS **Pass**

Sample Prep

Batch Date: 10/02/2023
 SOP: 428.AZ
 Batch Number: 60

Sample Analysis

Date: 10/04/2023
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.231 g
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.020	0.194	10	0.4	ND	
Cadmium	0.020	0.194	10	0.4	ND	
Lead	0.020	0.486	10	1	ND	
Mercury	0.020	0.097	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep

Batch Date: 10/02/2023
 SOP: 432.AZ
 Batch Number: 57

Sample Analysis

Date: 10/04/2023
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.550 g
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.64	9.09	1	20	ND	
Aflatoxin B1	3.64	9.09	1	0	ND	M2
Aflatoxin B2	3.64	9.09	1	0	ND	
Aflatoxin G1	3.64	9.09	1	0	ND	I1, M2
Aflatoxin G2	3.64	4.55	1	0	ND	I1
Ochratoxin A	9.09	9.09	1	20	ND	I1

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**Pesticides, Fungicides, and
 Growth Regulators**
 LC-MS/MS **Pass**

Sample Prep

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 SOP: 432.AZ
 Batch Number: 57

Sample Analysis

Date: 10/04/2023
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.550 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	0.075 / 0.227	1	0.5	ND		Hexythiazox	0.152 / 0.455	1	1	ND	M2
Acephate	0.061 / 0.182	1	0.4	ND	I1	Imazalil	0.030 / 0.091	1	0.2	ND	
Acetamiprid	0.030 / 0.091	1	0.2	ND		Imidacloprid	0.061 / 0.182	1	0.4	ND	
Aldicarb	0.061 / 0.182	1	0.4	ND		Kresoxim-methyl	0.061 / 0.182	1	0.4	ND	
Azoxystrobin	0.030 / 0.091	1	0.2	ND		Malathion	0.030 / 0.091	1	0.2	ND	
Bifenazate	0.030 / 0.091	1	0.2	ND		Metaxalyl	0.030 / 0.091	1	0.2	ND	
Bifenthrin	0.030 / 0.091	1	0.2	ND	M2	Methiocarb	0.030 / 0.091	1	0.2	ND	M1
Boscalid	0.061 / 0.182	1	0.4	ND	None	Methomyl	0.061 / 0.182	1	0.4	ND	
Carbaryl	0.030 / 0.091	1	0.2	ND		Myclobutanil	0.030 / 0.091	1	0.2	ND	
Carbofuran	0.030 / 0.091	1	0.2	ND		Naled	0.075 / 0.227	1	0.5	ND	
Chlorantraniliprole	0.030 / 0.091	1	0.2	ND	M1	Oxamyl	0.152 / 0.455	1	1	ND	
Chlorfenapyr	0.152 / 0.455	1	1	ND	I1	Pacllobutrazol	0.061 / 0.182	1	0.4	ND	M1
Chlorpyrifos	0.030 / 0.091	1	0.2	ND	M2	Permethrins	0.030 / 0.091	1	0.2	ND	I1, M2
Clofentezine	0.030 / 0.091	1	0.2	ND		Phosmet	0.030 / 0.091	1	0.2	ND	
Cyfluthrin	0.152 / 0.455	1	1	ND		Piperonyl Butoxide	0.303 / 0.909	1	2	ND	M2
Cypermethrin	0.152 / 0.455	1	1	ND		Prallethrin	0.030 / 0.091	1	0.2	ND	
Daminozide	0.152 / 0.455	1	1	ND		Propiconazole	0.061 / 0.182	1	0.4	ND	
Diazinon	0.030 / 0.091	1	0.2	ND		Propoxur	0.030 / 0.091	1	0.2	ND	
Dichlorvos	0.015 / 0.045	1	0.1	ND	I1, M2	Pyrethrins	0.127 / 0.381	1	1	ND	I1, M1
Dimethoate	0.030 / 0.091	1	0.2	ND		Pyridaben	0.030 / 0.091	1	0.2	ND	M2
Ethoprophos	0.030 / 0.091	1	0.2	ND		Spinosad	0.030 / 0.091	1	0.2	ND	M2
Etofenprox	0.061 / 0.182	1	0.4	ND		Spiromesifen	0.030 / 0.091	1	0.2	ND	
Etoxazole	0.030 / 0.091	1	0.2	ND		Spirotetramat	0.030 / 0.091	1	0.2	ND	
Fenoxycarb	0.030 / 0.091	1	0.2	ND		Spiroxamine	0.061 / 0.182	1	0.4	ND	
Fenpyroximate	0.061 / 0.182	1	0.4	ND		Tebuconazole	0.061 / 0.182	1	0.4	ND	
Fipronil	0.061 / 0.182	1	0.4	ND		Thiacloprid	0.030 / 0.091	1	0.2	ND	
Fonicamid	0.152 / 0.455	1	1	ND		Thiamethoxam	0.030 / 0.091	1	0.2	ND	
Fludioxonil	0.061 / 0.182	1	0.4	ND		Trifloxystrobin	0.030 / 0.091	1	0.2	ND	M2

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Moisture Analysis

Moisture: **13.58 %**
 Qualifier: Q3

Sample Prep and Analysis

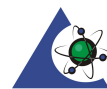
Date: 10/05/2023
 SOP: 411 - Moisture Balance
 Sample Weight: 0.302 g



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Accreditation #: 103104

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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.

Notes:

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