Studio
4215 N. 40 Ave
Phoenix, AZ, 85019
(435) 760-8520
License #:
00000086DCKR00375578
Order #: 72152
Retail Batch #: MELT-INFWC-221007

CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #: 103104
License #: 00000020LCVT89602592

Order Information

Order #: 72152
Order Name: Melted Infused Pre-roll Blend - Wedding Cake
Retail Batch #: MELT-INFWC-221007
Received: 10/10/2022 14:15:31
Complete: 10/14/2022 17:27:04

Harvest/Lot ID: MELT-INFWC-221007 Seed-to-Sale #:

Batch Information

Create Date: 10/07/2022
Exp. Date: 10/07/2023
Matrix: Enhanced/Infused Preroll
Pickup Weight: 10 g

Dispensary Information

Cultivation Facility: AZ
Processing Facility: AZ
Cultivar(s): AZ

COMPLIANCE FOR RETAIL

Regulated Analytes

CANNABINOID PROFILE	MICROBIAL CONTAMINANTS	RESIDUAL SOLVENTS
TESTED	MICROBIAL ANALYSIS: PASS MYCOTOXIN ANALYSIS: PASS	PASS

PESTICIDES, FUNGICIDES, AND GROWTH REGULATORS	HERBICIDES	HEAVY METAL ANALYSIS
PASS	NOT TESTED	PASS

Additional Analytes (Not Regulated)

TERPENES TOTAL	MOISTURE ANALYSIS	WATER ACTIVITY
TESTED	NOT TESTED	NOT TESTED

FILTH & FOREIGN	HOMOGENEITY
NOT TESTED	NOT TESTED

25.115 %
Total THC

0.099 %
Total CBD

29.800 %
Total Cannabinoids

Ahmed Munshi
Lab Director

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

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Sample Prep

Tech: 3971
SOP: 418.AZ
Batch Number: 56308
Batch Date: 10/11/2022 11:20:12

Sample Analysis

Date/Time: 10/12/2022 14:58:27
Tech: 3971
SOP: 417.AZ
Final Weight: 0.042 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD **TESTED**

25.115 %
Total THC

0.099 %
Total CBD

29.800 %
Total Cannabinoids

Cannabinoid Potency (Certified)

ANALYTE	LOD/LOQ (mg/g)	DIL.	ACTUAL %	MG/G	LABEL CLAIM (mg)	% LABEL VAR.	QUALIFIERS
CBC	0.129/0.3908	1	ND	ND	--	--	
CBD	0.129/0.3908	1	ND	ND	--	--	
CBDA	0.129/0.3908	1	0.113	1.130	--	--	
CBDV	0.129/0.3908	1	ND	ND	--	--	
CBG	0.129/0.3908	1	0.420	4.202	--	--	
CBGA	0.129/0.3908	1	1.264	12.643	--	--	
CBN	0.129/0.3908	1	ND	ND	--	--	
d8-THC	0.129/0.3908	1	ND	ND	--	--	
d9-THC	0.129/0.3908	1	4.528	45.278	--	--	
THCA	0.129/0.3908	1	23.474	234.742	--	--	
THCV	0.129/0.3908	1	ND	ND	--	--	

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

CANNABINOID TOTALS	ACTUAL %	MG/G
Total THC	25.115	251.147
Total CBD	0.099	0.991
Total Cannabinoids	29.800	297.995

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MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 2463
SOP: 432.AZ
Batch Number: 56266
Batch Date: 10/07/2022 13:19:03

Sample Analysis

Date/Time: 10/13/2022 12:55:19
Tech: 2463
SOP: 424.AZ
Final Weight: 0.558 g

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)	QUALIFIER
Aflatoxin B1	4/10	1	0	ND	
Aflatoxin B2	4/10	1	0	ND	
Aflatoxin G1	4/10	1	0	ND	
Aflatoxin G2	4/5	1	0	ND	
Ochratoxin A	10/0	1	20	ND	L1,M1,R1,I1
Total Aflatoxins	4/10	1	20	ND	

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Pesticides, Fungicides, and Growth Regulators

LC-MS/MS

PASS

Sample Prep

Tech: 2463
SOP: 432.AZ
Batch Number: 56266
Batch Date: 10/07/2022 13:19:03

Sample Analysis

Date/Time: 10/13/2022 12:55:19
Tech: 2463
SOP: 424.AZ
Final Weight: 0.558 g
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER
Abamectin B1a	0.083/0.25	1	0.5	ND	M2	Hexythiazox	0.167/0.5	1	1	ND	M2
Acephate	0.067/0.2	1	0.4	ND		Imazalil	0.033/0.1	1	0.2	ND	I1
Acequinocyl	0.333/1	1	2	ND	M2	Imidacloprid	0.067/0.2	1	0.4	ND	
Acetamiprid	0.033/0.1	1	0.2	ND		Kresoxim-methyl	0.067/0.2	1	0.4	ND	
Aldicarb	0.067/0.2	1	0.4	ND		Malathion	0.033/0.1	1	0.2	ND	
Azoxystrobin	0.033/0.1	1	0.2	ND		Metalaxyl	0.033/0.1	1	0.2	ND	
Bifenazate	0.033/0.1	1	0.2	ND		Methiocarb	0.033/0.1	1	0.2	ND	M2
Bifenthrin	0.033/0.1	1	0.2	ND	V1	Methomyl	0.067/0.2	1	0.4	ND	
Boscalid	0.067/0.2	1	0.4	ND	M2	Myclobutanil	0.033/0.1	1	0.2	ND	M2
Carbaryl	0.033/0.1	1	0.2	ND		Naled	0.083/0.25	1	0.5	ND	
Carbofuran	0.033/0.1	1	0.2	ND		Oxamyl	0.167/0.5	1	1	ND	
Chlorantraniliprole	0.033/0.1	1	0.2	ND		Paclobutrazol	0.067/0.2	1	0.4	ND	M2
Chlorfenapyr	0.167/0.5	1	1	ND	M2	Permethrins	0.033/0.1	1	0.2	ND	
Chlorpyrifos	0.033/0.1	1	0.2	ND	M2	Phosmet	0.033/0.1	1	0.2	ND	I1
Clofentezine	0.033/0.1	1	0.2	ND	M2	Piperonyl Butoxide	0.333/1	1	2	ND	
Cyfluthrin	0.167/0.5	1	1	ND	M2	Prallethrin	0.033/0.1	1	0.2	ND	
Cypermethrin	0.167/0.5	1	1	ND	M2	Propiconazole	0.067/0.2	1	0.4	ND	
Daminozide	0.167/0.5	1	1	ND		Propoxur	0.033/0.1	1	0.2	ND	
Diazinon	0.033/0.1	1	0.2	ND	M2	Pyrethrins	0.033/0.1	1	1	ND	M1
Dichlorvos	0.017/0.05	1	0.1	ND		Pyridaben	0.033/0.1	1	0.2	ND	
Dimethoate	0.033/0.1	1	0.2	ND		Spinosad	0.033/0.1	1	0.2	ND	
Ethoprophos	0.033/0.1	1	0.2	ND	M2	Spiromesifen	0.033/0.1	1	0.2	ND	M2
Etofenprox	0.067/0.2	1	0.4	ND		Spirotetramat	0.033/0.1	1	0.2	ND	M1
Etoxazole	0.033/0.1	1	0.2	ND		Spiroxamine	0.067/0.2	1	0.4	ND	
Fenoxycarb	0.033/0.1	1	0.2	ND	M2,I1	Tebuconazole	0.067/0.2	1	0.4	ND	
Fenpyroximate	0.067/0.2	1	0.4	ND		Thiacloprid	0.033/0.1	1	0.2	ND	M2
Fipronil	0.067/0.2	1	0.4	ND	M1	Thiamethoxam	0.033/0.1	1	0.2	ND	
Flonicamid	0.167/0.5	1	1	ND		Trifloxystrobin	0.033/0.1	1	0.2	ND	M2
Fludioxonil	0.067/0.2	1	0.4	ND	M2						

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TERPENES TOTAL

GC-FID

TESTED (2.392 %)

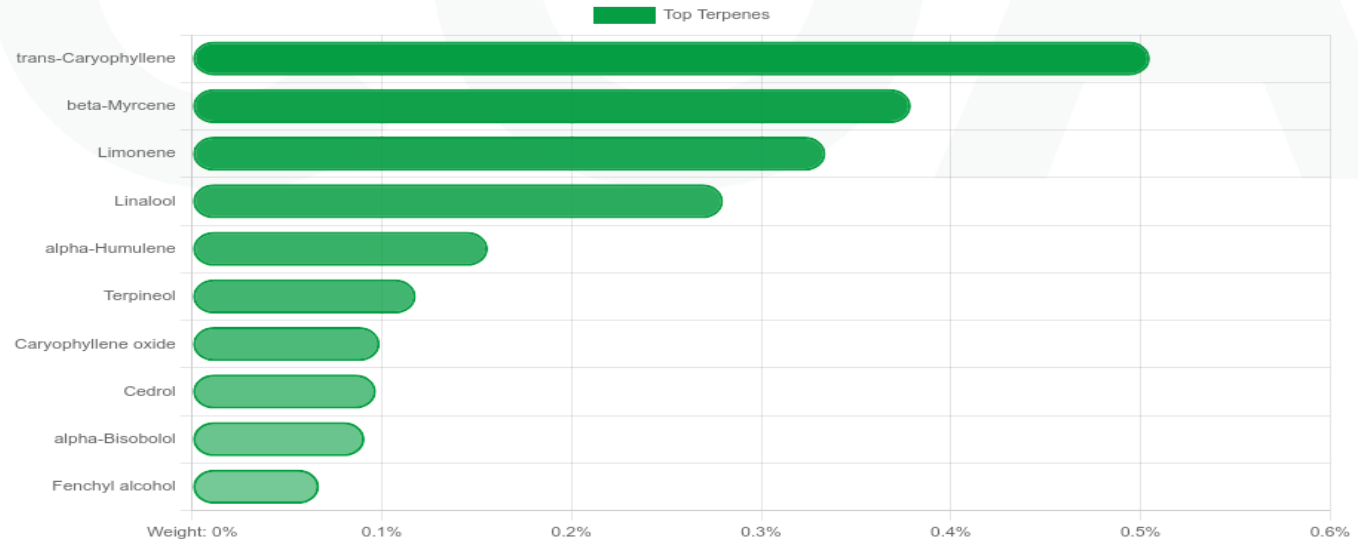
Sample Prep

Tech: 3997
SOP: 421
Batch Number: 56307
Batch Date: 10/11/2022 11:19:58

Sample Analysis

Date/Time: 10/13/2022 10:38:34
Tech: 3997
SOP: 419
Final Weight: 0.375 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	QUALIFIER	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	QUALIFIER
3-Carene	0.001/0.003	1	ND	Q3	Geraniol	0.001/0.003	1	0.012	Q3
alpha-Bisobolol	0.001/0.003	1	0.091	Q3	Geranyl acetate	0.001/0.003	1	ND	Q3
alpha-Cedrene	0.001/0.003	1	ND	Q3	Guaiol	0.001/0.003	1	0.021	Q3
alpha-Humulene	0.001/0.003	1	0.156	Q3	Hexahydrothymol	0.001/0.003	1	ND	Q3
alpha-Pinene	0.001/0.003	1	0.056	Q3	Isoborneol	0.001/0.003	1	ND	Q3
alpha-Terpinene	0.001/0.003	1	ND	Q3	Isopulegol	0.001/0.003	1	ND	Q3
beta-Myrcene	0.001/0.003	1	0.379	Q3	Limonene	0.001/0.003	1	0.334	Q3
beta-Pinene	0.001/0.003	1	0.057	Q3	Linalool	0.001/0.003	1	0.280	Q3
Borneol	0.001/0.003	1	0.017	Q3	Nerol	0.001/0.003	1	ND	Q3
Camphene	0.001/0.003	1	0.009	Q3	p-Mentha-1,5-diene	0.001/0.003	1	ND	Q3
Camphor	0.001/0.003	1	ND	Q3	Pulegone	0.001/0.003	1	ND	Q3
Caryophyllene oxide	0.001/0.003	1	0.099	Q3	Sabinene hydrate	0.001/0.003	1	ND	Q3
Cedrol	0.001/0.003	1	0.097	Q3	Terpineol	0.001/0.003	1	0.118	Q3
cis-Nerolidol	0.001/0.003	1	ND	Q3	Terpinolene	0.001/0.003	1	0.018	Q3
cis-Ocimene	0.001/0.003	1	ND	Q3	trans-Caryophyllene	0.001/0.003	1	0.505	Q3
Eucalyptol	0.001/0.003	1	<LOQ	Q3	trans-Nerolidol	0.001/0.003	1	ND	Q3
Fenchone	0.001/0.003	1	0.015	Q3	trans-Ocimene	0.001/0.003	1	0.061	Q3
Fenchyl alcohol	0.001/0.003	1	0.067	Q3	Valencene	0.001/0.003	1	ND	Q3
gamma-Terpinene	0.001/0.003	1	<LOQ	Q3					



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RESIDUAL SOLVENTS

HS-GC-MS **PASS**

Sample Prep

Tech: 3997
SOP: 405.AZ
Batch Number: 56312
Batch Date: 10/11/2022 13:26:00

Sample Analysis

Date/Time: 10/13/2022 10:36:30
Tech: 3997
SOP: 405.AZ
Final Weight: 0.048 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER
Acetone	167/500	1	1000	ND		Hexanes	48/145	1	290	ND	
Acetonitrile	68/205	1	410	ND		Isopropyl acetate	833/2500	1	5000	ND	
Benzene	0.33/1	1	2	ND		Isopropyl alcohol	833/2500	1	5000	ND	
Butane	833/2500	1	5000	ND		Methanol	500/1500	1	3000	ND	
Chloroform	10/30	1	60	ND		Methylene chloride	100/300	1	600	ND	
Ethanol	833/2500	1	5000	ND		Pentane	833/2500	1	5000	ND	
Ethyl acetate	833/2500	1	5000	ND		Propane	833/2500	1	5000	ND	
Ethyl ether	833/2500	1	5000	ND		Toluene	148/445	1	890	ND	
Heptane	833/2500	1	5000	ND		Xylenes	362/1085	1	2170	ND	

HEAVY METAL ANALYSIS

ICP-MS **PASS**

Sample Prep

Tech: 3971
SOP: 428.AZ
Batch Number: 56294
Batch Date: 10/10/2022 16:45:45

Sample Analysis

Date/Time: 10/12/2022 16:10:49
Tech: 3971
SOP: 428.AZ
Final Weight: 0.214 g
Volume: 6 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER
Arsenic	0.02/0.2	10	0.4	ND	
Cadmium	0.02/0.2	10	0.4	ND	
Lead	0.02/0.5	10	1	<LOQ	
Mercury	0.02/0.6	10	1.2	ND	

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3444
SOP: 429.AZ

Batch Number: 56302
Batch Date: 10/11/2022 11:19:42

Sample Analysis

Date/Time: 10/13/2022 18:21:23
Tech: 3444
SOP: 429.AZ

Final Weight: 1.044 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Salmonella	qPCR	ND	NOT DETECTED	PASS	

Sample Prep

Tech: 3989
SOP: 431.AZ

Batch Number: 56303
Batch Date: 10/11/2022 11:19:45

Sample Analysis

Date/Time: 10/13/2022 16:44:23
Tech: 3989
SOP: 431.AZ

Final Weight: 1.091 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Pathogenic e. coli	Tempo	< 100 CFU/g	NOT DETECTED	PASS	

Sample Prep

Tech: 3989
SOP: 406.AZ

Batch Number: 56301
Batch Date: 10/11/2022 11:19:38

Sample Analysis

Date/Time: 10/13/2022 18:14:47
Tech: 3989
SOP: 406.AZ

Final Weight: 1.047 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Aspergillus flavus	qPCR	ND	NOT DETECTED	PASS	
Aspergillus fumigatus	qPCR	ND	NOT DETECTED	PASS	
Aspergillus niger	qPCR	ND	NOT DETECTED	PASS	
Aspergillus terreus	qPCR	ND	NOT DETECTED	PASS	

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QUALIFIER LEGEND

ALSO REFERENCED AS "Q"

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*

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*

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*

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