



Certificate of Analysis

Laboratory Sample ID: TE41003001-020



Production Method: Alcohol (Non-Ethanol Extraction)
Harvest/Lot ID: 10210
Batch#: 42067
Manufacturing Date: 2024-10-02
Lot Date : 2024-10-02
Harvest Date: 04/18/24
Sample Size Received: 80.88 gram
Total Amount: 9 gram
Retail Product Size: 8.0 gram
Retail Serving Size: 8 gram
Servings: 1
Ordered: 10/02/24
Sampled: 10/03/24
Sample Collection Time: 10:15 AM
Completed: 10/08/24

PASSED

Pages 1 of 4

Oct 08, 2024 | mfused

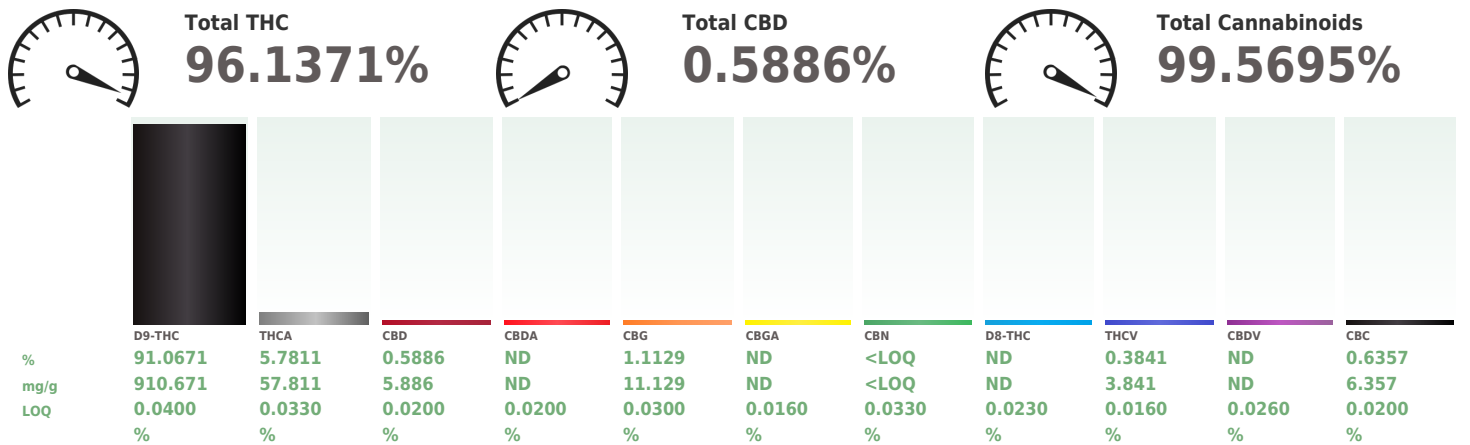
License # 00000062DCAY00861940

7655 E Evans Rd Suite 120
 Scottsdale, AZ, AZ, 85260, US

SAFETY RESULTS

 Pesticides NOT TESTED	 Heavy Metals NOT TESTED	 Microbials PASSED	 Mycotoxins NOT TESTED	 Residuals Solvents NOT TESTED	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Miscellaneous NOT TESTED
----------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

Cannabinoid **PASSED**



Analyzed by: 432, 359, 312, 272, 135, 87 Weight: 0.1518g Extraction date: 10/03/24 17:42:39 Extracted by: 432

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE006021POT Reviewed On : 10/08/24 23:22:35
 Instrument Used : TE-004 "Duke Leto" (Flower) Batch Date : 10/03/24 12:58:13
 Analyzed Date : 10/03/24 17:38:00

Dilution : 800
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with Photo Diode Array detector (HPLC-PDA) for analysis. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.031 for sample prep, SOP.T.40.031 for analysis on Shimadzu LC-20X0 series HPLCs). Potency results for cannabis flower products are reported on an "as received" basis, without moisture correction.

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Ariel Gonzales
 Lab Director

State License #
 0000024LCMD66604568
 ISO 17025 Accreditation # 97164



Signature
 10/08/24



Certificate of Analysis

PASSED

mfused

7655 E Evans Rd Suite 120
Scottsdale, AZ, 85260, US
Telephone: (480) 540-6899
Email: ryan.beaver@mfused.com
License #: 00000062DCAY00861940

Sample : TE41003001-020
Harvest/Lot ID: 10210
Lot Date : 10/02/24
Batch# : 42067
Sampled : 10/03/24
Ordered : 10/03/24

Sample Size Received : 80.88 gram
Total Amount : 9 gram
Completed : 10/08/24 Expires: 10/08/25
Sample Method : SOP Client Method

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	Microbial	PASSED
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Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS	
ASPERGILLUS FLAVUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS FUMIGATUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS NIGER	0.0000		Not Present in 1g	PASS	
ASPERGILLUS TERREUS	0.0000		Not Present in 1g	PASS	
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100

Analyzed by: 331, 272, 135, 87	Weight: 1.0375g	Extraction date: 10/04/24 15:41:37	Extracted by: 331,87
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Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ
Analytical Batch : TE006018MIC Reviewed On : 10/05/24 14:18:03
Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date : 10/03/24 11:53:57
Analyzed Date : N/A

Dilution : 10
Reagent : N/A
Consumables : N/A
Pipette : N/A





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(480) 220-4470

Kaycha Labs

..... 42067
I95 Cookies
Matrix : Concentrate
Type: Distillate



Certificate of Analysis

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Scottsdale, AZ, AZ, 85260, US
Telephone: (480) 540-6899
Email: ryan.beaver@mfused.com
License # : 00000062DCAY00861940

Sample : TE41003001-020
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Sample Method : SOP Client Method

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COMMENTS

* Confident Cannabis sample ID: 2410KLAZ0682.2792



* Cannabinoid TE41003001-020POT-RE2

1 - M3 : THCa

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Ariel Gonzales
Lab Director

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Signature
10/08/24



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..... 42067
195 Cookies
Matrix : Concentrate
Type: Distillate



Certificate of Analysis

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Sample : TE41003001-020
Harvest/Lot ID: 10210
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COMMENTS

* Confident Cannabis sample ID: 2410KLAZ0682.2792



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Ariel Gonzales
Lab Director

State License #
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ISO 17025 Accreditation # 97164

Signature
10/08/24

10209

Sample ID: 2405FSL0103.0836
Strain: Live Diamond Mother
Matrix: Concentrates & Extracts
Type: Distillate
Sample Size: 14.13 g; **Batch:**

Harvest Date: 02/21/2024
Manufacture Date: 05/02/2024
Received: 05/06/2024
Completed: 06/25/2024
Batch#: 10209
External Lot#: 10209

Client:
mfused
Lic. # 0000156ESTDP70697204
 7655 E Evans Rd
 Scottsdale, AZ 85260

Lab Sample Collection Date/Time: 05/02/2024 4:30 PM
Production Method: Alcohol
Distribution Chain: MFUSED -0000156ESTDP70697204
Flower Cultivated by: Cardinal Square (The Pharm)
License #00000114DCPD00232092
Extraction Performed by: Dreem Green Inc-Jars
Cannabis- 00000078ESQG10647381



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	05/06/2024	Complete
Residual Solvents	05/06/2024	Pass
Microbials	05/07/2024	Pass
Mycotoxins	05/07/2024	Pass
Pesticides	05/07/2024	Pass
Heavy Metals	05/06/2024	Pass

Cannabinoids

Complete


93.87% Total THC	0.33% Total CBD	99.16% Total Cannabinoids (Q3)
----------------------------	---------------------------	------------------------------------------

Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%	
THCa	1.00	117.60	11.760	
Δ9-THC	1.00	835.54	83.554	
Δ8-THC	1.00	ND	ND	
THCV	1.00	6.84	0.684	
CBDa	1.00	ND	ND	
CBD	1.00	3.27	0.327	
CBDV	1.00	ND	ND	
CBN	1.00	4.51	0.451	
CBGa	1.00	ND	ND	
CBG	1.00	17.64	1.764	
CBC	1.00	6.17	0.617	
Total		991.58	99.158	

Date Tested: 05/06/2024

Total THC = THCa * 0.877 + Δ9-THC Total CBD = CBDa * 0.877 + CBD Instrument: HPLC-DAD ; Method: FSL-SOP-401




 Symon Levenberg, PhD
 Technical Lab Director
 06/25/2024

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10209

Sample ID: 2405FSL0103.0836	Harvest Date: 02/21/2024	Client:	Lab Sample Collection Date/Time: 05/02/2024 4:30 PM
Strain: Live Diamond Mother	Manufacture Date: 05/02/2024	mfused	
Matrix: Concentrates & Extracts	Received: 05/06/2024	Lic. # 0000156ESTDP70697204	Production Method: Alcohol
Type: Distillate	Completed: 06/25/2024	7655 E Evans Rd	Distribution Chain: MFUSED -0000156ESTDP70697204
Sample Size: 14.13 g; Batch:	Batch#: 10209	Scottsdale, AZ 85260	Flower Cultivated by: Cardinal Square (The Pharm)
	External Lot#: 10209		License # 00000114DCPD00232092
			Extraction Performed by: Dreem Green Inc-Jars
			Cannabis- 00000078ESQG10647381

Pesticides

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier	Analyte	LOQ	Limit	Mass	Status	Qualifier
	µg/g	µg/g	µg/g				µg/g	µg/g	µg/g		
Abamectin	0.25	0.5	ND	Pass		Hexythiazox	0.5	1	ND	Pass	
Acephate	0.25	0.5	ND	Pass		Imazalil	0.1	0.2	ND	Pass	
Acetamiprid	0.1	0.2	ND	Pass		Imidacloprid	0.2	0.4	ND	Pass	
Aldicarb	0.2	0.4	ND	Pass		Kresoxim Methyl	0.2	0.4	ND	Pass	
Azoxystrobin	0.1	0.2	ND	Pass		Malathion	0.1	0.2	ND	Pass	
Bifenazate	0.1	0.2	ND	Pass		Metaxyl	0.1	0.2	ND	Pass	
Bifenthrin	0.1	0.2	ND	Pass		Methiocarb	0.1	0.2	ND	Pass	
Boscalid	0.2	0.4	ND	Pass		Methomyl	0.2	0.4	ND	Pass	
Carbaryl	0.1	0.2	ND	Pass		Myclobutanil	0.1	0.2	ND	Pass	
Carbofuran	0.1	0.2	ND	Pass		Naled	0.25	0.5	ND	Pass	
Chlorantraniliprole	0.1	0.2	ND	Pass		Oxamyl	0.5	1	ND	Pass	
Chlorfenapyr	0.5	1	ND	Pass		Paclobutrazol	0.2	0.4	ND	Pass	
Chlorpyrifos	0.1	0.2	ND	Pass		Permethrins	0.1	0.2	ND	Pass	
Clofentezine	0.1	0.2	ND	Pass		Phosmet	0.1	0.2	ND	Pass	
Cyfluthrin	0.5	1	ND	Pass		Piperonyl	1	2	ND	Pass	
Cypermethrin	0.5	1	ND	Pass		Butoxide					
Daminozide	0.5	1	ND	Pass		Prallethrin	0.1	0.2	ND	Pass	
Diazinon	0.1	0.2	ND	Pass		Propiconazole	0.2	0.4	ND	Pass	
Dichlorvos	0.05	0.1	ND	Pass		Propoxur	0.1	0.2	ND	Pass	
Dimethoate	0.1	0.2	ND	Pass		Pyrethrins	0.5	1	ND	Pass	
Ethoprophos	0.1	0.2	ND	Pass		Pyridaben	0.1	0.2	ND	Pass	
Etofenprox	0.2	0.4	ND	Pass		Spinosad	0.1	0.2	ND	Pass	
Etoxazole	0.1	0.2	ND	Pass		Spiromesifen	0.1	0.2	ND	Pass	
Fenoxycarb	0.1	0.2	ND	Pass		Spirotetramat	0.1	0.2	ND	Pass	
Fenpyroximate	0.2	0.4	ND	Pass		Spiroxamine	0.2	0.4	ND	Pass	
Fipronil	0.2	0.4	ND	Pass		Tebuconazole	0.2	0.4	ND	Pass	
Flonicamid	0.5	1	ND	Pass		Thiacloprid	0.1	0.2	ND	Pass	
Fludioxonil	0.2	0.4	ND	Pass		Thiamethoxam	0.1	0.2	ND	Pass	
						Trifloxystrobin	0.1	0.2	ND	Pass	

Date Tested: 05/07/2024
Instrument: LC-MS/MS ; Method: FSL-SOP-411



Symon Levenberg
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Technical Lab Director
06/25/2024

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10209

Sample ID: 2405FSL0103.0836	Harvest Date: 02/21/2024	Client	Lab Sample Collection Date/Time: 05/02/2024 4:30 PM
Strain: Live Diamond Mother	Manufacture Date: 05/02/2024	mfused	
Matrix: Concentrates & Extracts	Received: 05/06/2024	Lic. # 0000156ESTDP70697204	Production Method: Alcohol
Type: Distillate	Completed: 06/25/2024	7655 E Evans Rd	Distribution Chain: MFUSED -0000156ESTDP70697204
Sample Size: 14.13 g; Batch:	Batch#: 10209	Scottsdale, AZ 85260	Flower Cultivated by: Cardinal Square (The Pharm)
	External Lot#: 10209		License # 00000114DCPD00232092
			Extraction Performed by: Dreem Green Inc-Jars
			Cannabis- 00000078ESQG10647381

Microbials

Pass

Analyte	Result	Status	Qualifier
Aspergillus flavus	Not Detected in 1g	Pass	
Aspergillus fumigatus	Not Detected in 1g	Pass	
Aspergillus niger	Not Detected in 1g	Pass	
Aspergillus terreus	Not Detected in 1g	Pass	
Salmonella SPP	Not Detected in 1g	Pass	
E. Coli	ND	Pass	

Date Tested: 05/07/2024
 Instrument: qPCR & 3M PetriFilm; Method: FSL-SOP-301, FSL-SOP-302, FSL-SOP-303

Mycotoxins

Pass

Analyte	LOQ µg/kg	Limit µg/kg	Units µg/kg	Status	Qualifier
B1	10		ND	Tested	
B2	10		ND	Tested	
G1	10		ND	Tested	
G2	10		ND	Tested	
Total Aflatoxins	10	20	ND	Pass	
Ochratoxin A	10	20	ND	Pass	

Date Tested: 05/07/2024
 Instrument: LC-MS/MS; Method: FSL-SOP-411

Heavy Metals

Pass

Analyte	LOQ PPM	Limit PPM	Units PPM	Status	Qualifier
Arsenic	0.2	0.4	ND	Pass	
Cadmium	0.2	0.4	ND	Pass	
Lead	0.5	1	<LOQ	Pass	
Mercury	0.1	0.2	ND	Pass	

Date Tested: 05/06/2024
 Instrument: ICP-MS; Method: FSL-SOP-404



Symon Levenberg, PhD
 Technical Lab Director
 06/25/2024

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Strain: Live Diamond Mother	Manufacture Date: 05/02/2024	mfused	
Matrix: Concentrates & Extracts	Received: 05/06/2024	Lic. # 0000156ESTDP70697204	Production Method: Alcohol
Type: Distillate	Completed: 06/25/2024	7655 E Evans Rd	Distribution Chain: MFUSED -0000156ESTDP70697204
Sample Size: 14.13 g; Batch:	Batch#: 10209	Scottsdale, AZ 85260	Flower Cultivated by: Cardinal Square (The Pharm)
	External Lot#: 10209		License # 00000114DCPD00232092
			Extraction Performed by: Dreem Green Inc-Jars
			Cannabis- 00000078ESQG10647381

Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	µg/g	µg/g	µg/g		
Acetone	500	1000	ND	Pass	
Acetonitrile	205	410	ND	Pass	
Benzene	1	2	ND	Pass	
Butanes	2500	5000	ND	Pass	
Chloroform	30	60	ND	Pass	
Dichloromethane	300	600	ND	Pass	
Ethanol	2500	5000	ND	Pass	
Ethyl-Acetate	2500	5000	ND	Pass	
Ethyl-Ether	2500	5000	ND	Pass	
Heptane	2500	5000	ND	Pass	
Hexanes	145	290	ND	Pass	
Isopropanol	2500	5000	ND	Pass	
Isopropyl-Acetate	2500	5000	ND	Pass	
Methanol	1500	3000	ND	Pass	
Pentanes	2500	5000	ND	Pass	
Toluene	445	890	ND	Pass	
Xylenes	1085	2170	ND	Pass	

Date Tested: 05/06/2024
Instrument: HS-GC-MS ; Method: FSL-SOP-406



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Technical Lab Director
06/25/2024

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