



Certificate of Analysis

Laboratory Sample ID: TE41011001-007



Production Method: Alcohol (Non-Ethanol Extraction)

Harvest/Lot ID: 10210

Batch#: 21196

Manufacturing Date: 2024-10-10

Lot Date : 2024-10-10

Harvest Date: 04/18/24

Sample Size Received: 83.05 gram

Total Amount: 9 gram

Retail Product Size: 10 gram

Retail Serving Size: 10 gram

Servings: 1

Ordered: 10/10/24

Sampled: 10/11/24

Sample Collection Time: 08:00 AM

Completed: 10/14/24

PASSED

Pages 1 of 4

Oct 14, 2024 | mfused

License # 00000062DCAY00861940

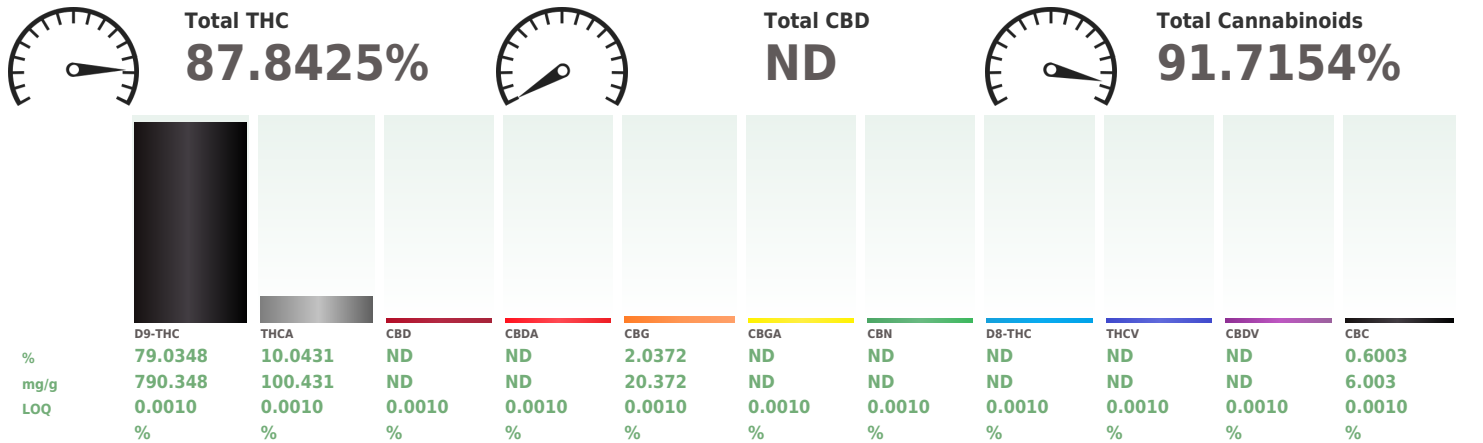
7655 E Evans Rd Suite 120
 Scottsdale, AZ, AZ, 85260, US

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	Terpenes NOT TESTED

MISC.

 **Cannabinoid** **PASSED**



Analyzed by: 432, 272, 359, 135, 399 | Weight: 0.1522g | Extraction date: 10/11/24 18:05:56 | Extracted by: 432

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE006103POT | Reviewed On : 10/14/24 17:49:20
 Instrument Used : TE-245 "Muad'Dib" (Infused) | Batch Date : 10/10/24 10:40:29
 Analyzed Date : 10/10/24 15:21:25

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

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 ISO 17025 Accreditation # 97164



Signature
 10/14/24



Certificate of Analysis

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Telephone: (480) 540-6899
Email: ryan.beaver@mfused.com
License #: 00000062DCAY00861940

Sample : TE41011001-007
Harvest/Lot ID: 10210
Lot Date : 10/10/24
Batch# : 21196
Sampled : 10/11/24
Ordered : 10/11/24

Sample Size Received : 83.05 gram
Total Amount : 9 gram
Completed : 10/14/24 Expires: 10/14/25
Sample Method : SOP Client Method

	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	ND	PASS	100

Analyzed by: 87, 272, 399	Weight: 0.9495g	Extraction date: 10/14/24 11:38:09	Extracted by: 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 : TE006129MIC Reviewed On : 10/14/24 17:43:42
Instrument Used : N/A Batch Date : 10/11/24 14:38:44
Analyzed Date : N/A

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



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.....
21196
Cosmic Cosmos
Matrix : Concentrate
Type: Distillate



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Telephone: (480) 540-6899
Email: ryan.beaver@mfused.com
License # : 0000062DCAY00861940

Sample : TE41011001-007
Harvest/Lot ID: 10210
Lot Date : 10/10/24
Batch# : 21196
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Total Amount : 9 gram
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Sample Method : SOP Client Method

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COMMENTS

* Confident Cannabis sample ID: 2410KLAZ0708.2923



* Cannabinoid TE41011001-007POT

1 - M3 : THCa

* Cannabinoid TE41011001-007POT-RE1

1 - M3:THCa

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Ariel Gonzales

Lab Director

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Signature
10/14/24



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.....
21196
Cosmic Cosmos
Matrix : Concentrate
Type: Distillate



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Harvest/Lot ID: 10210
Lot Date : 10/10/24
Batch# : 21196
Sampled : 10/11/24
Ordered : 10/11/24

Sample Size Received : 83.05 gram
Total Amount : 9 gram
Completed : 10/14/24 Expires: 10/14/25
Sample Method : SOP Client Method

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COMMENTS

* Confident Cannabis sample ID: 2410KLAZ0708.2923



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Lab Director

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Signature
10/14/24



Certificate of Analysis

Laboratory Sample ID: TE41003001-001



Production Method: Alcohol (Non-Ethanol Extraction)
Harvest/Lot ID: 10210
Batch#: 10210
Manufacturing Date: 2024-10-02
Lot Date : 2024-10-02
Harvest Date: 04/18/24
Sample Size Received: 80.44 gram
Total Amount: 9 gram
Retail Product Size: 8 gram
Retail Serving Size: 8 gram
Servings: 1
Ordered: 10/02/24
Sampled: 10/03/24
Sample Collection Time: 10:15 AM
Completed: 10/09/24

PASSED

Pages 1 of 6

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SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



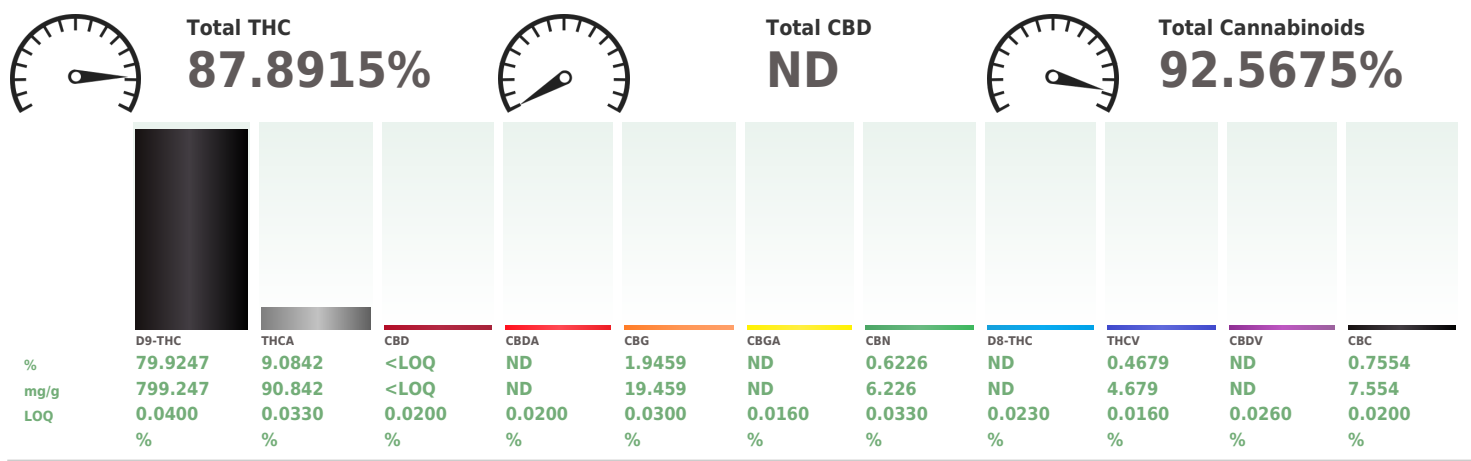
Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

Cannabinoid **PASSED**



Analyzed by: 432, 359, 312, 272, 87 Weight: 0.1542g Extraction date: 10/03/24 17:42:37 Extracted by: 432

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE006021POT Reviewed On : 10/09/24 10:43:33
 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

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Signature
 10/09/24



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Email: ryan.beaver@mfused.com
License #: 0000062DCAY00861940

Sample : TE41003001-001
Harvest/Lot ID: 10210
Lot Date : 10/02/24
Batch# : 10210
Sampled : 10/03/24
Ordered : 10/03/24

Sample Size Received : 80.44 gram
Total Amount : 9 gram
Completed : 10/09/24 Expires: 10/09/25
Sample Method : SOP Client Method

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Pesticides						PASSED					
Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ACEPHATE	0.2000	ppm	0.4	PASS	ND	TOTAL SPINOSAD	0.1000	ppm	0.2	PASS	ND
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND	SPIROMESIFEN	0.1000	ppm	0.2	PASS	ND
ALDICARB	0.2000	ppm	0.4	PASS	ND	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	ND
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	ND	SPIROXAMINE	0.2000	ppm	0.4	PASS	ND
BIFENAZATE	0.1000	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.2000	ppm	0.4	PASS	ND
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND	THIACLOPRID	0.1000	ppm	0.2	PASS	ND
BOSCALID	0.2000	ppm	0.4	PASS	ND	THIAMETHOXAM	0.1000	ppm	0.2	PASS	ND
CARBARYL	0.1000	ppm	0.2	PASS	ND	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	ND
CARBOFURAN	0.1000	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.3000	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.5000	ppm	1	PASS	ND
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	ND	Analyzed by: 152, 410, 272, 87 Weight: 0.4949g Extraction date: 10/03/24 15:03:26 Extracted by: 410 Analysis Method: SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch: TE006027PES Instrument Used: TE-117 UHPLC - Pest/Myco 1*, TE-262 *MS/MS - Pest/Myco 2* Reviewed On: 10/07/24 15:55:20 Batch Date: 10/03/24 14:49:03 Analyzed Date: 10/07/24 13:09:33 Dilution: 25 Reagent: 092424.R30; 100224.R15; 092724.R05; 092724.R08; 092424.R07; 092724.R12; 091324.R31; 092424.R08; 041823.06 Consumables: 947.155; 8000038072; 20240202; 220318-306-D; 1008645998; GD23006; 425240JF Pipette: TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL) Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).					
CYPERMETHRIN	0.5000	ppm	1	PASS	ND	Analyzed by: 152, 410, 272, 87 Weight: 0.4949g Extraction date: 10/03/24 15:03:26 Extracted by: 410 Analysis Method: SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ Analytical Batch: TE006050VOL Instrument Used: TE-117 UHPLC - Pest/Myco 2, TE-262 *MS/MS - Pest/Myco 2 Reviewed On: 10/07/24 16:00:55 Batch Date: 10/07/24 13:14:26 Analyzed Date: 10/07/24 13:15:11 Dilution: 25 Reagent: 092424.R30; 100224.R15; 092724.R05; 092724.R08; 092424.R07; 092724.R12; 091324.R31; 092424.R08; 041823.06 Consumables: 947.155; 8000038072; 20240202; 220318-306-D; 1008645998; GD23006; 425240JF Pipette: TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL) Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).					
DIAZINON	0.1000	ppm	0.2	PASS	ND						
DAMINOZIDE	0.5000	ppm	1	PASS	ND						
DICHLORVOS (DDVP)	0.0500	ppm	0.1	PASS	ND						
DIMETHOATE	0.1000	ppm	0.2	PASS	ND						
ETHOPROPHOS	0.1000	ppm	0.2	PASS	ND						
ETOFENPROX	0.2000	ppm	0.4	PASS	ND						
ETOXAZOLE	0.1000	ppm	0.2	PASS	ND						
FENOXICARB	0.1000	ppm	0.2	PASS	ND						
FENPYROXIMATE	0.2000	ppm	0.4	PASS	ND						
FIPRONIL	0.2000	ppm	0.4	PASS	ND						
FLONICAMID	0.5000	ppm	1	PASS	ND						
FLUDIOXONIL	0.2000	ppm	0.4	PASS	ND						
HEXYTHIAZOX	0.5000	ppm	1	PASS	ND						
IMAZALIL	0.1000	ppm	0.2	PASS	ND						
IMIDACLOPRID	0.2000	ppm	0.4	PASS	ND						
KRESOXIM-METHYL	0.2000	ppm	0.4	PASS	ND						
MALATHION	0.1000	ppm	0.2	PASS	ND						
METALAXYL	0.1000	ppm	0.2	PASS	ND						
METHIOCARB	0.1000	ppm	0.2	PASS	ND						
METHOMYL	0.2000	ppm	0.4	PASS	ND						
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	ND						
NALED	0.2500	ppm	0.5	PASS	ND						
OXAMYL	0.5000	ppm	1	PASS	ND						
PACLOBUTRAZOL	0.2000	ppm	0.4	PASS	ND						
TOTAL PERMETHRINS	0.1000	ppm	0.2	PASS	ND						
PHOSMET	0.1000	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	1.0000	ppm	2	PASS	ND						
PRALLETHRIN	0.1000	ppm	0.2	PASS	ND						
PROPICONAZOLE	0.2000	ppm	0.4	PASS	ND						
PROPOXUR	0.1000	ppm	0.2	PASS	ND						
TOTAL PYRETHRINS	0.5000	ppm	1	PASS	ND						
PYRIDABEN	0.1000	ppm	0.2	PASS	ND						

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10/09/24



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Lot Date : 10/02/24
Batch# : 10210
Sampled : 10/03/24
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Sample Size Received : 80.44 gram
Total Amount : 9 gram
Completed : 10/09/24 Expires: 10/09/25
Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
BUTANES	2400.0000	ppm	5000	PASS	ND
METHANOL	1440.0000	ppm	3000	PASS	ND
PENTANES	2400.0000	ppm	5000	PASS	ND
ETHANOL	2400.0000	ppm	5000	PASS	ND
ETHYL ETHER	2400.0000	ppm	5000	PASS	ND
ACETONE	480.0000	ppm	1000	PASS	ND
2-PROPANOL	2400.0000	ppm	5000	PASS	ND
ACETONITRILE	196.8000	ppm	410	PASS	ND
DICHLOROMETHANE	288.0000	ppm	600	PASS	ND
HEXANES	139.2000	ppm	290	PASS	ND
ETHYL ACETATE	2400.0000	ppm	5000	PASS	ND
CHLOROFORM	28.8000	ppm	60	PASS	ND
BENZENE	1.2000	ppm	2	PASS	ND
ISOPROPYL ACETATE	2400.0000	ppm	5000	PASS	ND
HEPTANE	2400.0000	ppm	5000	PASS	ND
TOLUENE	427.2000	ppm	890	PASS	ND
XYLENES	1041.6000	ppm	2170	PASS	ND

Analyzed by: 409, 39, 272, 87	Weight: 0.0204g	Extraction date: 10/03/24 14:51:21	Extracted by: 333,409
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Analysis Method : SOP.T.40.044.AZ	Reviewed On : 10/04/24 11:30:42
Analytical Batch : TE006025SOL	Batch Date : 10/03/24 14:01:36
Instrument Used : TE-095 "MS - Solvents 1"	
Analyzed Date : 10/03/24 14:56:24	

Dilution : N/A
 Reagent : 071024.02; 041224.19; 020124.21
 Consumables : K107291-06; 429651; 0093980; GD23006
 Pipette : N/A

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. (Method: SOP.T.40.044.AZ for sample prep and analysis via ThermoScientific 1310-series GC equipped with a TriPlus 500 Headspace autosampler and detection carried out by ISQ7000-series mass spectrometer). Butanes are reported as the sum of n-Butane and Isobutane. Pentanes are reported as the sum of n-Pentane, Isopentane, and Neopentane. Hexanes are reported as the sum of n-Hexane, 2-Methylpentane, 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Xylenes are reported as the sum of Ethyl Benzene, m-Xylene, p-Xylene, and o-Xylene.



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Total Amount : 9 gram
Completed : 10/09/24 Expires: 10/09/25
Sample Method : SOP Client Method

Page 4 of 6

 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS		TOTAL AFLATOXINS	4.8510	ppb	ND	PASS	20
ASPERGILLUS FLAVUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B1	4.8510	ppb	ND	PASS	20
ASPERGILLUS FUMIGATUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B2	5.9400	ppb	ND	PASS	20
ASPERGILLUS NIGER	0.0000		Not Present in 1g	PASS		AFLATOXIN G1	6.2700	ppb	ND	PASS	20
ASPERGILLUS TERREUS	0.0000		Not Present in 1g	PASS		AFLATOXIN G2	10.7250	ppb	ND	PASS	20
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100	OCHRATOXIN A	12.0000	ppb	ND	PASS	20
Analyzed by: 331, 87, 272 Weight: 0.9551g Extraction date: 10/04/24 14:48:38 Extracted by: 331,87						Analyzed by: 152, 410, 272, 87 Weight: 0.4949g Extraction date: 10/03/24 15:03:26 Extracted by: 410					
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 14:17:09 Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date : 10/03/24 11:53:57 Analyzed Date : N/A						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE006049MYC Reviewed On : 10/07/24 15:57:02 Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2" Batch Date : 10/07/24 13:13:27 Analyzed Date : 10/07/24 13:14:17					
Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A						Dilution : 25 Reagent : 092424.R30; 100224.R15; 092724.R05; 092724.R08; 092424.R07; 092724.R12; 091324.R31; 092424.R08; 041823.06 Consumables : 947.155; 8000038072; 20240202; 220318-306-D; 1008645998; GD23006; 425240JF Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					

Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflotoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.

 Heavy Metals PASSED	
Metal	LOQ Units Result Pass / Fail Action Level
ARSENIC	0.2000 ppm ND PASS 0.4
CADMIUM	0.2000 ppm ND PASS 0.4
LEAD	0.5000 ppm ND PASS 1
MERCURY	0.6000 ppm ND PASS 0.2
Analyzed by: 398, 39, 272, 87 Weight: 0.1908g Extraction date: 10/03/24 16:47:09 Extracted by: 398	
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE006005HEA Reviewed On : 10/04/24 09:10:09 Instrument Used : TE-051 "Metals Hood",TE-141 "Wolfgang",TE-260 "Ludwig",TE-307 "Ted",TE-311 "Ted PC",TE-308 "Ted Chiller",TE-310 "Ted AS",TE-309 "Ted Pump",TE-312 "Ted Monitor",TE-313 "Ted Monitor" Analyzed Date : N/A	
Dilution : 50 Reagent : 101723.14; 092324.R01; 092724.R06; 032724.08; 092724.16; 090922.04 Consumables : 20240202; 210705-306-D; 210725-598-D Pipette : TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL)	

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.084.AZ for sample prep by microwave digestion, and SOP.T.40.084.AZ for analysis by ThermoScientific iCAP RQ ICP-MS).



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Tempe, AZ, 85284, US
(480) 220-4470

Kaycha Labs

10210
Live Diamond Mother
Matrix : Concentrate
Type: Distillate



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 # : 0000062DCAY00861940

Sample : TE41003001-001
Harvest/Lot ID: 10210
Lot Date : 10/02/24
Batch# : 10210
Sampled : 10/03/24
Ordered : 10/03/24

Sample Size Received : 80.44 gram
Total Amount : 9 gram
Completed : 10/09/24 Expires: 10/09/25
Sample Method : SOP Client Method

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COMMENTS

* Confident Cannabis sample ID: 2410KLAZ0682.2773



* Mycotoxin TE41003001-001MYC

1 - M1: Ochratoxin A

* Pesticide TE41003001-001PES

1 - M2: Hexythiazox

* Residual TE41003001-001SOL

1 - R1: Butanes

* Volatile Pesticides TE41003001-001VOL

1 - R1: Chlorfenapyr, M2: Cyfluthrin

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Ariel Gonzales

Lab Director

State License #
0000024LCMD66604568
ISO 17025 Accreditation # 97164

Signature
10/09/24



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Page 6 of 6

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