

42052-Granddaddy Purple

Sample ID: 2406EAZ0065.0228
Strain: Granddaddy Purple
Matrix: Concentrates & Extracts
Type: Distillate

Collected: 06/14/2024
Received: 06/14/2024
Completed: 07/16/2024 03:13 PM
Sample Size: 5.8 g;

Harvest Date: 02/21/2024
Manufacture Date: 06/13/2024

Client
mfused

Lic. # 00000062DCAY00861940
7655 E Evans Rd,
Suite 120,
Scottsdale, AZ, 85260

Batch#: *42052; External Lot ID# 10209

^Production Method: Alcohol



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	06/14/2024	LC-UV VIS	Complete
Microbial Impurities	06/19/2024	3M Plating & qPCR	Pass

Cannabinoids

Method: SOPAZ_M-CANNABINOIDS

88.080 %

Total THC

0.439 %

Total CBD

92.185 %

Total Cannabinoids

Analytes	LOQ	Result	Result	Q
	mg/g	%	mg/g	
THCA	0.769	9.195	91.95	
Δ9 THC	0.769	80.016	800.16	
Δ8 THC	0.769	ND	ND	
THCVA	0.769	0.097	0.97	
THCV	0.769	0.767	7.67	
CBDA	0.769	ND	ND	
CBD	0.769	0.439	4.39	
CBN	0.769	0.385	3.85	
CBGA	0.769	ND	ND	
CBG	0.769	1.718	17.18	
CBCA	0.769	ND	ND	
CBC	0.769	0.711	7.11	
Total THC		88.080	880.80	**
Total CBD		0.439	4.39	**
Total Cannabinoids		92.185	921.85	Q3
Sum of Cannabinoids		93.328	933.28	Q3

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; NT = Not Tested; ND = Not Detected Moisture Method: SOPAZ_M-MOISTURE



Evelyn Alvarez
Evelyn Alvarez
QA Director | 07/16/2024

Firas Haddad
Firas Haddad
Laboratory Manager | 07/16/2024



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7655 E Evans Rd,

Suite 120,

Scottsdale, AZ, 85260

Microbial Impurities

Method: SOPAZ_M-ECOLI

Analytes	Result	Limit	Status	Q
Escherichia coli	0	< 100 CFU/g	Pass	

Method: SOPAZ_M-MICROBIALS

Analytes	Result	Limit	Status	Q
Salmonella spp	Not Detected	Not Detected in One Gram	Pass	
Aspergillus flavus	Not Detected	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected	Not Detected in One Gram	Pass	

Date Tested: 06/19/2024



Evelyn Alvarez
Evelyn Alvarez
QA Director | 07/16/2024

Firas Haddad
Firas Haddad
Laboratory Manager | 07/16/2024



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*Per client's request, removed strain name from batch ID/External lot ID. **Q3 qualifier removed from Total THC and Total CBD, confirmed not required by AZDHS. ^Added production method.

Revision #: 3

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Batch#: *42052; External Lot ID# 10209

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Received: 06/14/2024
Completed: 07/16/2024 03:13 PM
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^Production Method: Alcohol

Harvest Date: 02/21/2024
Manufacture Date: 06/13/2024

Client
mfused


Lic. # 00000062DCAY00861940
7655 E Evans Rd,
Suite 120,
Scottsdale, AZ, 85260

Qualifier Legend

- B1** *The target analyte detected in the calibration blank required or the method blank 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 required or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, growth regulators, mycotoxins, heavy metals, or residual solvents, is below the maximum allowable concentration.*
- 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.*
- N1** *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 initial or continuing calibration verification standards 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.*

Report Notes




Evelyn Alvarez
QA Director | 07/16/2024


Firas Haddad
Laboratory Manager | 07/16/2024



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)
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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		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
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

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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10209

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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



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

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