

21216

Sample ID: 2411FSL0341.2221	Harvest Date: 08/07/2024	Client: MFused	Lab Sample Collection Date/Time: 11/25/2024 09:38
Strain: Cosmic Cosmos	Manufacture Date: 11/22/2024	Lic. # 00000062DCAY00861940	Production Method: Alcohol
Matrix: Concentrates & Extracts	Received: 11/25/2024	7655 E Evans Rd	
Type: Distillate	Completed: 11/27/2024	Scottsdale, AZ 85260	
Sample Size: ; Batch:	Batch#: 21216		
	External Lot#: 10211		



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	11/25/2024	Complete
Microbials	11/27/2024	Pass

Cannabinoids

Complete

94.68% Total THC	1.01% Total CBD	99.31% Total Cannabinoids (Q3)
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Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.10	8.78	87.8	
Δ9-THC	0.10	86.98	869.8	
Δ8-THC	0.10	ND	ND	
THCV	0.10	0.78	7.8	
CBDa	0.10	ND	ND	
CBD	0.10	1.01	10.1	
CBDV	0.10	ND	ND	
CBN	0.10	0.19	1.9	
CBGa	0.10	ND	ND	
CBG	0.10	1.31	13.1	
CBC	0.10	0.26	2.6	
Total		99.31	993.1	

Date Tested: 11/25/2024

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



[Signature]
Symon Levenberg, PhD
Technical Lab Director
11/27/2024

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Sample Size: ; Batch:	Batch#: 21216	Scottsdale, AZ 85260	
	External Lot#: 10211		

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: 11/27/2024
 Instrument: qPCR & 3M PetriFilm ; Method: FSL-SOP-301, FSL-SOP-302, FSL-SOP-303

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Result	Status	Qualifier
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Date Tested:

Heavy Metals

Not Tested

Analyte	LOQ	Limit	Result	Status	Qualifier
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Date Tested:



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10211

Sample ID: 2411FSL0341.2211	Harvest Date: 08/07/2024	Client: MFused	Lab Sample Collection Date/Time: 11/25/2024 09:38
Strain: Liquid Diamond Mother	Manufacture Date: 11/22/2024	Lic. # 00000062DCAY00861940	Production Method: Alcohol
Matrix: Concentrates & Extracts	Received: 11/25/2024	7655 E Evans Rd	
Type: Distillate	Completed: 11/27/2024	Scottsdale, AZ 85260	
Sample Size: ; Batch:	Batch#: 10211		
	External Lot#: 10211		



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	11/25/2024	Complete
Residual Solvents	11/25/2024	Pass
Microbials	11/27/2024	Pass
Mycotoxins	11/26/2024	Pass
Pesticides	11/26/2024	Pass
Heavy Metals	11/26/2024	Pass

Cannabinoids

Complete

92.98% Total THC	0.81% Total CBD	97.25% Total Cannabinoids (Q3)
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Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.10	9.80	98.0	
Δ9-THC	0.10	84.39	843.9	
Δ8-THC	0.10	ND	ND	
THCV	0.10	0.77	7.7	
CBDa	0.10	ND	ND	
CBD	0.10	0.81	8.1	
CBDV	0.10	ND	ND	
CBN	0.10	0.22	2.2	
CBGa	0.10	ND	ND	
CBG	0.10	1.01	10.1	
CBC	0.10	0.26	2.6	
Total		97.25	972.5	

Date Tested: 11/25/2024

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



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Sample ID: 2411FSL0341.2211	Harvest Date: 08/07/2024	Client:	Lab Sample Collection Date/Time: 11/25/2024 09:38
Strain: Liquid Diamond Mother	Manufacture Date: 11/22/2024	MFused	
Matrix: Concentrates & Extracts	Received: 11/25/2024	Lic. # 00000062DCAY00861940	Production Method: Alcohol
Type: Distillate	Completed: 11/27/2024	7655 E Evans Rd	
Sample Size: ; Batch:	Batch#: 10211	Scottsdale, AZ 85260	
	External Lot#: 10211		

Pesticides

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier	Analyte	LOQ	Limit	Result	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	<LOQ	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	
Fonicamid	0.5	1	ND	Pass		Thiacloprid	0.1	0.2	ND	Pass	
Fludioxonil	0.2	0.4	ND	Pass	L1,V1	Thiamethoxam	0.1	0.2	ND	Pass	
						Trifloxystrobin	0.1	0.2	ND	Pass	

Date Tested: 11/26/2024
Instrument: LC-MS/MS ; Method: FSL-SOP-411



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Type: Distillate	Completed: 11/27/2024	7655 E Evans Rd	
Sample Size: ; Batch:	Batch#: 10211	Scottsdale, AZ 85260	
	External Lot#: 10211		

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: 11/27/2024
 Instrument: qPCR & 3M PetriFilm ; Method: FSL-SOP-301, FSL-SOP-302, FSL-SOP-303

Mycotoxins

Pass

Analyte	LOQ µg/kg	Limit µg/kg	Result 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: 11/26/2024
 Instrument: LC-MS/MS ; Method: FSL-SOP-411


Heavy Metals

Pass

Analyte	LOQ PPM	Limit PPM	Result 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: 11/26/2024
 Instrument: ICP-MS ; Method: FSL-SOP-404




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Matrix: Concentrates & Extracts	Received: 11/25/2024	Lic. # 00000062DCAY00861940	Production Method: Alcohol
Type: Distillate	Completed: 11/27/2024	7655 E Evans Rd	
Sample Size: ; Batch:	Batch#: 10211	Scottsdale, AZ 85260	
	External Lot#: 10211		


Residual Solvents

Pass

Analyte	LOQ	Limit	Result	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	<LOQ	Pass	L1 V1
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	L1 V1
Toluene	445	890	ND	Pass	
Xylenes	1085	2170	ND	Pass	

Date Tested: 11/25/2024
 Instrument: HS-GC-MS; Method: FSL-SOP-406




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