

21241

Sample ID: 2503FSL0149.0747
Strain: Rainbow Cloud
Matrix: Concentrates & Extracts
Type: Distillate
Sample Size: ; Batch:

Harvest Date: 04/18/2024
Manufacture Date: 10/02/2024
Received: 04/01/2025
Completed: 04/03/2025
Batch#: 21241
External Lot#: 10210

Client
MFused
Lic. # 00000062DCAY00861940
7655 E Evans Rd
Scottsdale, AZ 85260

Lab Sample Collection Date/Time: 04/01/2025 10:56
Production Method: Alcohol
Distribution Chain: Mmj Apothecary DBA MFUSED
-00000062DCAY00861940
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	04/01/2025	Complete
Microbials	04/02/2025	Pass

Cannabinoids

Complete


82.37%	1.63%	85.85%
Total THC	Total CBD	Total Cannabinoids (Q3)

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.10	1.92	19.2	
Δ9-THC	0.10	80.68	806.8	
Δ8-THC	0.10	ND	ND	
THCV	0.10	1.23	12.3	
CBDa	0.10	ND	ND	
CBD	0.10	1.63	16.3	
CBDV	0.10	<LOQ	<LOQ	
CBN	0.10	0.14	1.4	
CBGa	0.10	<LOQ	<LOQ	
CBG	0.10	0.25	2.5	
CBC	0.10	<LOQ	<LOQ	
Total		85.85	858.5	

Date Tested: 04/01/2025

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
04/03/2025

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ND=Not Detected, NR=Not Reported, LOD=Limit of Detection, LOQ=Limit of Quantitation. This product has been tested by Full Spectrum Lab using ISO 17025 accredited testing methodologies and quality system as required by state law and in accordance with the requirements in R9-17-404.03, R9-17-404.04, and R9-17-404.05. Values reported relate only to the product tested and batched under the batch number identified above. Full Spectrum Lab makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of the technical lab director: Symon Levenberg, PhD

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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: 04/02/2025
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:




Symon Levenberg, PhD
Technical Lab Director
04/03/2025

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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

Oct 09, 2024 | mfused

License # 00000062DCAY00861940

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

Pages 1 of 6

SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filth
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.



Cannabinoid

PASSED



Total THC
87.8915%



Total CBD
ND



Total Cannabinoids
92.5675%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	79.9247	9.0842	<LOQ	ND	1.9459	ND	0.6226	ND	0.4679	ND	0.7554
mg/g	799.247	90.842	<LOQ	ND	19.459	ND	6.226	ND	4.679	ND	7.554
LOQ	0.0400	0.0330	0.0200	0.0200	0.0300	0.0160	0.0330	0.0230	0.0160	0.0260	0.0200
%		%	%	%	%	%	%	%	%	%	%

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
Instrument Used : TE-004 "Duke Leto" (Flower)
Analyzed Date : 10/03/24 17:38:00

Reviewed On : 10/09/24 10:43:33
Batch Date : 10/03/24 12:58:13

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 #
00000024LCMD66604568
ISO 17025 Accreditation # 97164

Signature
10/09/24



1231 W. Warner Road, Suite 105
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, AZ, 85260, US
Telephone: (480) 540-6899
Email: ryan.beaver@mfused.com
License #: 00000062DCAY00861940

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			
AVERMECTINS (ABAMECTIN B1A)	0.2500	ppm	0.5	PASS	ND	TOTAL SPINOSAD	0.1000	ppm	0.2	PASS	ND			
ACEPHATE	0.2000	ppm	0.4	PASS	ND	SPIROMESIFEN	0.1000	ppm	0.2	PASS	ND			
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	ND			
ALDICARB	0.2000	ppm	0.4	PASS	ND	SPIROXAMINE	0.2000	ppm	0.4	PASS	ND			
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.2000	ppm	0.4	PASS	ND			
BIFENAZATE	0.1000	ppm	0.2	PASS	ND	THIACLOPRID	0.1000	ppm	0.2	PASS	ND			
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND	THIAMETHOXAM	0.1000	ppm	0.2	PASS	ND			
BOSCALID	0.2000	ppm	0.4	PASS	ND	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	ND			
CARBARYL	0.1000	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.3000	ppm	1	PASS	ND			
CARBOFURAN	0.1000	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.5000	ppm	1	PASS	ND			
CHLORANTRANILPROLE	0.1000	ppm	0.2	PASS	ND	Analized by: 152, 410, 272, 87	Weight: 0.4949g	Extraction date: 10/03/24 15:03:26	Extracted by: 410					
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	ND	Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ	Reviewed On : 10/07/24 15:55:20							
CLOFENTHIZINE	0.1000	ppm	0.2	PASS	ND	Analytical Batch : TE006027PES	Batch Date : 10/03/24 14:49:03							
CYPERMETHRIN	0.5000	ppm	1	PASS	ND	Instrument Used : TE-117 "UHPLC - Pest/Myco 1", TE-262 "MS/MS - Pest/Myco 2"								
DIAZINON	0.1000	ppm	0.2	PASS	ND	Analized Date : 10/07/24 13:09:33								
DAMINOZIDE	0.5000	ppm	1	PASS	ND	Dilution : 25								
DICHLORVOS (DDVP)	0.0500	ppm	0.1	PASS	ND	Reagent : 092424.R30; 100224.R15; 092724.R05; 092724.R08; 092424.R07; 092724.R12; 091324.R31; 092424.R08; 041823.06								
DIMETHOATE	0.1000	ppm	0.2	PASS	ND	Consumables : 947.155; 8000038072; 20240202; 220318-306-D; 1008645998; GD23006; 425240JF								
ETHOPROPHOS	0.1000	ppm	0.2	PASS	ND	Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)								
ETOFENPROX	0.2000	ppm	0.4	PASS	ND	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).								
ETOXAZOLE	0.1000	ppm	0.2	PASS	ND	Analized by: 152, 410, 272, 87	Weight: 0.4949g	Extraction date: 10/03/24 15:03:26	Extracted by: 410					
FENOXICARB	0.1000	ppm	0.2	PASS	ND	Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ	Reviewed On : 10/07/24 16:00:55							
FENPYROXIMATE	0.2000	ppm	0.4	PASS	ND	Analytical Batch : TE006050VOL	Batch Date : 10/07/24 13:14:26							
FIPRONIL	0.2000	ppm	0.4	PASS	ND	Instrument Used : TE-117 UHPLC - Pest/Myco 2, TE-262 "MS/MS - Pest/Myco 2"								
FLONICAMID	0.5000	ppm	1	PASS	ND	Analized Date : 10/07/24 13:15:11								
FLUDIOXONIL	0.2000	ppm	0.4	PASS	ND	Dilution : 25								
HEXYTHIAZOX	0.5000	ppm	1	PASS	ND	Reagent : 092424.R30; 100224.R15; 092724.R05; 092724.R08; 092424.R07; 092724.R12; 091324.R31; 092424.R08; 041823.06								
IMAZALIL	0.1000	ppm	0.2	PASS	ND	Consumables : 947.155; 8000038072; 20240202; 220318-306-D; 1008645998; GD23006; 425240JF								
IMIDACLOPRID	0.2000	ppm	0.4	PASS	ND	Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)								
KRESOXIM-METHYL	0.2000	ppm	0.4	PASS	ND	Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrin, 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).								
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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Ariel Gonzales

Lab Director

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Signature
10/09/24



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Kaycha Labs

10210
Live Diamond Mother
Matrix : Concentrate
Type: Distillate



Certificate of Analysis

PASSED

mfused

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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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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

Analysis Method : SOP.T.40.044.AZ

Analytical Batch : TE006025SOL

Instrument Used : TE-095 "MS - Solvents 1"

Analyzed Date : 10/03/24 14:56:24

Reviewed On : 10/04/24 11:30:42

Batch Date : 10/03/24 14:01:36

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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Ariel Gonzales

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Signature
10/09/24



Certificate of Analysis

PASSED



mfused

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 Sample Method : SOP Client Method

Page 4 of 6

<div> Microbial PASSED</div>						<div> Mycotoxins PASSED</div>					
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 Instrument Used : TE-234 "bioMerieux GENE-UP" Analyzed Date : N/A						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE006049MYC Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2 Analyzed Date : 10/07/24 13:13:27					
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 Aflatoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.

<div><div><div>Hg</div></div></div> 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"			Batch Date : 10/02/24 11:32:50		
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).



1231 W. Warner Road, Suite 105
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 # : 00000062DCAY00861940

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 #
00000024LCMD66604568
ISO 17025 Accreditation # 97164

Signature
10/09/24



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