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Aries Analytic  
2321 Wolcott St, Ste A  
Ferndale, MI 48220

# Certificate of Analysis

Order # [REDACTED] Receipt Date: 8/19/2025 2:28 PM Product Name: [REDACTED]  
 Order Date: 8/19/2025 Completion Date: 8/21/2025 1:09 PM Strain: Deep Fried Ice Cream  
 Sample [REDACTED] Sampling Method: SOP.01.3 Matrix: Raw Plant Material  
 Sampling Date: 8/18/2025 00:00

Client: [REDACTED] Client License #: [REDACTED] Metrc Manifest #: [REDACTED]  
 Address: 2 [REDACTED] Metrc Source: [REDACTED]  
 Address: 1 [REDACTED] Metrc Sample Tag: [REDACTED]

## SUMMARY TESTED



TESTED Potency	PASSED Microbials	PASSED Total Yeast and Mold	PASSED Heavy Metals	PASSED Filth and Foreign Material	PASSED Water Activity
PASSED Total Coliform	PASSED Pesticides	TESTED Terpenes			

## POTENCY SUMMARY

Total Cannabinoids 45.1 %	Total THC 36.3 %	Total CBD <LOQ
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Total THC = (THCa \* 0.877) + D9-THC + D8-THC  
 Total CBD = (CBDa \* 0.877) + CBD

## POTENCY TESTED

Analyte	LOQ %	Result mg/g	Result %	mg/unit
THCa CBGa	0.1	400	40.0	N/A
Delta9-THC	0.1	22.5	2.25	N/A
CBCa THCVa	0.1	11.8	1.18	N/A
CBG CBDa CBC	0.1	8.05	0.805	N/A
CBD CBDV	0.1	5.51	0.551	N/A
CBDVa CBL	0.1	1.84	0.184	N/A
CBN CBNa	0.1	1.01	0.101	N/A
Delta8-THC	0.1	ND	ND	N/A
THCV Analysis	0.1	ND	ND	N/A
Method:	0.1	ND	ND	N/A
SOP.09.3	0.1	ND	ND	N/A
	0.1	ND	ND	N/A
	0.1	0.147	<LOQ	N/A
	0.1	0.467	<LOQ	N/A
	0.1	ND	ND	N/A
	0.1	ND	ND	N/A

Instrument Used:  
HPLC

## MICROBIAL PASSED

Analyte	Action Level (present in 1 g)	Result (present in 1 g)	Status
STEC	Not Detected	Not Detected	Pass
Salmonella	Not Detected	Not Detected	Pass
Aspergillus terreus	Not Detected	Not Detected	Pass
Aspergillus flavus	Not Detected	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Not Detected	Pass
Aspergillus niger	Not Detected	Not Detected	Pass

Analysis Method: SOP.15.1 Instrument Used: DNA Microarray

## TERPENES SUMMARY

Analyte	Result %	Result mg/g
R-(+)-Limonene	0.7404	7.400
beta-Caryophyllene	0.4624	4.620
Linalool	0.3182	3.180
Myrcene	0.2476	2.480
Terpineol (Isomeric Mix)	0.1912	1.910

Total Terpenes: 2.78%  
 Showing top 5 Terpenes, full analysis on the following page.

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*[Signature]*

Onyekachukwu  
Akaze, PhD Lab Manager

8/21/2025 1:21 PM

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# Certificate of Analysis

Order # [REDACTED] Receipt Date: 8/19/2025 2:28 PM Product Name: [REDACTED]  
 Order Date: 8/19/2025 Completion Date: 8/21/2025 1:09 PM Strain: Deep Fried Ice Cream  
 Sample [REDACTED] Sampling Method: SOP.01.3 Matrix: Raw Plant Material  
 Sampling Date: 8/18/2025 00:00

Client: [REDACTED] Client License #: [REDACTED] Metrc Manifest #: [REDACTED]  
 Address: [REDACTED] Metrc Source: [REDACTED]  
 Address: [REDACTED] Metrc Sample Tag: [REDACTED]

HEAVY METALS		PASSED		
Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Status
Arsenic	0.2	0.400	<LOQ	Pass
Cadmium	0.2	0.400	<LOQ	Pass
Total Chromium	0.6	1.20	ND	Pass
Mercury	0.03	0.200	ND	Pass
Nickel	0.5	1.00	<LOQ	Pass
Lead	0.3	1.00	ND	Pass

Analysis Method: SOP.07.3 Instrument Used: ICP-MS

TOTAL YEAST AND MOLD		PASSED		
Analyte	Action Level (cfu/g)	Result (cfu/g)	Status	
Total Yeast & Mold	100,000	<100	Pass	

Analysis Method: SOP.15.1 Instrument Used: DNA Microarray

WATER ACTIVITY		PASSED		
Analyte	Action Level (aw)	Result (aw)	Status	
Water Activity	0.65	0.4453	Pass	

Analysis Method: SOP.03.2 Instrument Used: USB Probe

FILTH & FOREIGN MATERIAL		PASSED		
Analyte	Action Level %	Result %	Status	
Foreign Matter Analysis	Pass	Pass	Pass	
Inorganic Matter	0	0	Pass	
Stems	5	2	Pass	

Analysis Method: SOP.02.4 Instrument Used: Microscopic and Macroscopic Examination

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Onyekachukwu Akaeze, PhD  
Lab Manager

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# Certificate of Analysis

Order # 2508ARA0075  
Order Date: 8/19/2025  
Sample #25AA5848  
Sampling Date:8/18/2025 00:00

Receipt Date:8/19/2025 2:28 PM  
Completion Date: 8/21/2025 1:09 PM  
Sampling Method:SOP.01.3

Product Name:25231010  
Strain: Deep Fried Ice Cream  
Matrix: Raw Plant Material

Client:American Grown  
Address:2384 Shenfield  
Address:Turner , MI 48765

Client License #AU-G-C-000929  
Metrc Source Tag:1A4050300032A29000002955  
Metrc Sample Tag:1A4050300032A29000002960  
Metrc Manifest #:0004010821

TERPENES					TESTED				
Analyte	LOQ %	Result %	Result mg/g	Result mg/unit	Analyte	LOQ %	Result %	Result mg/g	Result mg/unit
Camphene	0.04	ND		N/A	Sabinene, Natural Isomer	0.04	ND		N/A
alpha-Phellandrene	0.04	0.2476	2.480	N/A	beta-Pinene	0.04	0.1775	1.780	N/A
(1S)-(+)-3-Carene	0.04	ND		N/A	alpha-Terpinene	0.04	ND		N/A
Ocimene	0.04	ND		N/A	R-(+)-Limonene	0.04	0.7404	7.400	N/A
Eucalyptol	0.04	ND		N/A	gamma-Terpinene	0.04	ND		N/A
Linalool (+)-	0.04	ND		N/A	alpha-Terpinolene	0.04	ND		N/A
Fenchone	0.04	ND		N/A	(-)-Fenchone	0.04	ND		N/A
Isopulegol	0.04	0.3182	3.180	N/A	(1R)-endo-(+)-Fenchyl Alcohol	0.04	0.1506	1.510	N/A
Isoborneol	0.04	ND		N/A	(1S)-(-)-Camphor	0.04	ND		N/A
Camphor	0.04	ND		N/A	(+)-Camphor	0.04	ND		N/A
Menthol	0.04	ND		N/A	(+)-Borneol	0.04	ND		N/A
Nerol	0.04	ND		N/A	Terpineol (Isomeric Mix)	0.04	0.1912	1.910	N/A
beta-Caryophyllene	0.04	ND		N/A	(+)-Pulegone	0.04	ND		N/A
Valencene	0.04	ND		N/A	Geraniol	0.04	ND		N/A
Farnesene	0.04	ND		N/A	(-)-alpha-Cedrene	0.04	ND		N/A
cis-Nerolidol	0.04	ND		N/A	alpha-Humulene	0.04	0.1843	1.840	N/A
Caryophyllene Oxide	0.04	ND		N/A	trans-Nerolidol	0.04	ND		N/A
(+)-Cedrol	0.04	ND		N/A	(-)-Guaiol	0.04	ND		N/A
(-)-alpha-Bisabolol	0.04	0.4624	4.620	N/A	cis-Phytol	0.04	ND		N/A
alpha-Pinene	0.04	ND		N/A	trans-Phytol	0.04	ND		N/A
Analysis Method:	0.04	ND		N/A					
SOP.19.1	0.04	ND		N/A					
	0.04	ND		N/A					
	0.04	ND		N/A					
	0.04	0.1887	1.890	N/A					
	0.04	0.1158	1.160	N/A					

Instrument Used:  
HS-GCMS

Total Terpenes: 2.78 %

TOTAL COLIFORM PASSED			
Analyte	Action Level (cfu/g)	Result (cfu/g)	Status
Total Coliform	1000	ND	Pass
Analysis Method:	Instrument Used:		
SOP.16.1	Plating		

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Akaeze, PhD

Lab Manager

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# Certificate of Analysis

Order # 2508ARA0075  
Order Date: 8/19/2025  
Sample #25AA5848  
Sampling Date:8/18/2025 00:00

Receipt Date:8/19/2025 2:28 PM  
Completion Date: 8/21/2025 1:09 PM  
Sampling Method:SOP.01.3

Product Name:25231010  
Strain: Deep Fried Ice Cream  
Matrix: Raw Plant Material

Client:American Grown  
Address:2384 Shenfield  
Address:Turner , MI 48765

Client License #AU-G-C-000929  
Metrc Source Tag:1A4050300032A29000002955  
Metrc Sample Tag:1A4050300032A29000002960

Metrc Manifest #:0004010821

## PESTICIDES

PASSED

Analyte	Result (ppm)	LOQ (ppm)	Action Level (ppm)	Status	Analyte	Result (ppm)	LOQ (ppm)	Action Level (ppm)	Status
Abemectin	ND	0.025	0.500	Pass	Acephate	ND	0.010	0.400	Pass
Acequinocyl	ND	0.010	2.00	Pass	Acetamiprid	ND	0.010	0.200	Pass
Aldicarb	ND	0.010	0.400	Pass	Azoxystrobin	ND	0.010	0.200	Pass
Bifenazate	ND	0.010	0.200	Pass	Bifenthrin	ND	0.010	0.200	Pass
Boscalid	ND	0.010	0.400	Pass	Carbaryl	ND	0.010	0.200	Pass
Carbofuran	ND	0.010	0.200	Pass	Chlorantraniliprole	ND	0.010	0.200	Pass
Chlorfenapyr	ND	0.025	1.00	Pass	Chlorpyrifos	ND	0.010	0.200	Pass
Clofentezine	ND	0.010	0.200	Pass	Cyfluthrin	ND	0.025	1.00	Pass
Cypermethrin	ND	0.010	1.00	Pass	Diaminozide	ND	0.010	1.00	Pass
Diazinon	ND	0.010	0.200	Pass	Dichlorvos	ND	0.010	1.00	Pass
Dimethoate	ND	0.010	0.200	Pass	Ethoprophos	ND	0.010	0.200	Pass
Etofenprox	ND	0.010	0.400	Pass	Etoxazole	ND	0.010	0.200	Pass
Fenoxycarb	ND	0.010	0.200	Pass	Fenpyroximate	ND	0.010	0.400	Pass
Fipronil	ND	0.010	0.400	Pass	Flonicamid	ND	0.010	1.00	Pass
Fludioxonil	ND	0.010	0.400	Pass	Hexythiazox	ND	0.010	1.00	Pass
Imazalil	ND	0.010	0.200	Pass	Imidacloprid	ND	0.010	0.400	Pass
Kresoxim Methyl	ND	0.010	0.400	Pass	Malathion	ND	0.010	0.200	Pass
Metalaxyl	ND	0.010	0.200	Pass	Methiocarb	ND	0.010	0.200	Pass
Methomyl	ND	0.010	0.400	Pass	Methyl Parathion	ND	0.010	0.200	Pass
MGK-264	ND	0.010	0.200	Pass	Myclobutanil	ND	0.010	0.200	Pass
Naled	ND	0.010	0.500	Pass	Oxamyl	ND	0.010	1.00	Pass
Paclobutrazol	ND	0.010	0.400	Pass	Permethrins	ND	0.010	0.200	Pass
Phosmet	ND	0.010	0.200	Pass	Prallethrin	ND	0.010	0.200	Pass
Propiconazole	ND	0.010	0.400	Pass	Propoxur	ND	0.010	0.200	Pass
Pyrethrins	ND	0.025	1.00	Pass	Pyridaben	ND	0.010	0.200	Pass
Spinosad	ND	0.010	0.200	Pass	Spiromesifen	ND	0.010	0.200	Pass
Spiroxamine	ND	0.010	0.400	Pass	Spriclotramat	ND	0.010	0.200	Pass
Tebuconazole	ND	0.010	0.400	Pass	Thiacloprid	ND	0.010	0.200	Pass
Thiamethoxam	ND	0.010	0.200	Pass	Trifloxystrobin	ND	0.010	0.200	Pass

Analysis Method:LCMSMS  
Instrument Used:SOP.10.4

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