



## Astria Hemp Farm Inc.

Leicester, NC 28748  
astriafarm@gmail.com  
980-253-4144

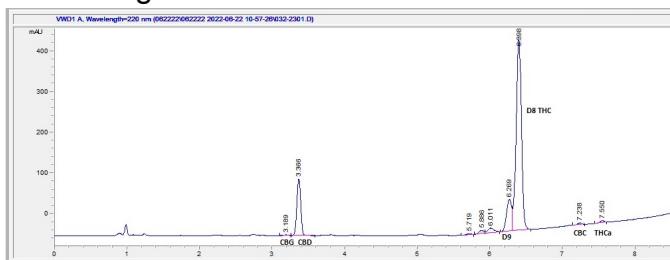
## Sample 377-062222-018

Delta 8 30mg Gummies  
Sample Submitted: 06-22-2022; Report Date: 06-24-2022  
nullSample Unit Size: 4.03 g

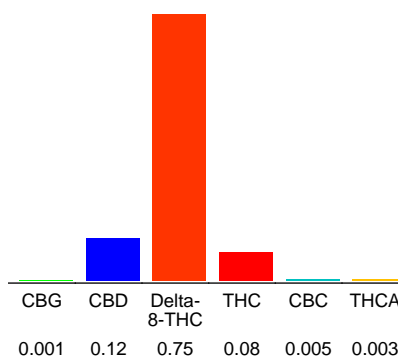
## Delta 8 30mg Gummies

Edible: Candy

### Chromatogram



### Cannabinoid Profile



### Cannabinoid Profile by HPLC

**0.08%**  
Calculated THC Yield

**0.12%**  
Calculated CBD Yield

**0.96%**  
Total Cannabinoids

Cannabinoid	% wt	mg/unit
CBG	0.001	0.0403
CBD	0.12	4.836
Delta-8-THC	0.75	30.23
THC	0.08	3.224
CBC	0.005	0.2015
THCA	0.003	0.1209
<b>Total Cannabinoids</b>	<b>0.96</b>	<b>38.6</b>
<b>Calculated THC Yield</b>	<b>0.08</b>	<b>3.33</b>
<b>Calculated CBD Yield</b>	<b>0.12</b>	<b>4.84</b>

Calculated Maximum THC Yield =  $THC + 0.877 * THCA$   
Calculated Maximum CBD Yield =  $CBD + 0.877 * CBDA$

### Marin Analytics, LLC

250 Bel Marin Keys Blvd, Suite D4  
Novato, CA 94949

415-936-6477 / sarabiancalana1@gmail.com

**Sara Biancalana**  
Chief Scientist

This sample has been tested by Marin Analytics, LLC using valid testing methodologies and a quality system. Values reported relate only to the sample tested. Marin Analytics, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Marin Analytics, LLC.

## Astria Farm

P. O. Box 1509  
Leicester, NC 28748  
astroafarm@gmail.com  
(972) 809-6395  
Lic. #

## Sample: 2205EST0924.3953

Strain: 30mg D8 Gummies  
Batch#: ; Batch Size: g  
Sample Received: 05/23/2022  
Report Created: 06/04/2022  
Expires: 06/03/2023

## 30mg D8 Gummies

Ingestible, Soft Chew  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



### Safety

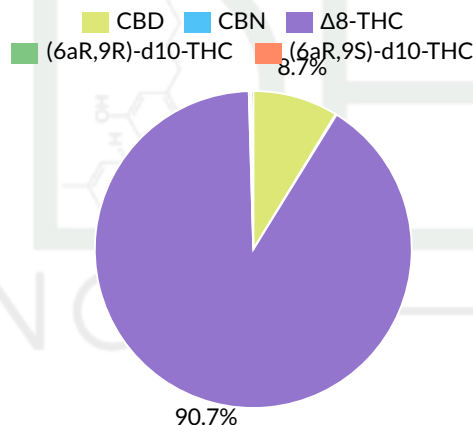
Pass Pesticides	Pass Microbials	Pass Mycotoxins
Pass Solvents	Pass Metals	Pass Foreign Matter

## Cannabinoids

Cannabinoid potency by HPLC-UV, CANSOP001  
Date Tested: 06/02/2022

ND Total THC	3.61 mg/unit Total CBD	41.51 mg/unit Total Cannabinoids	NR Moisture	NR Water Activity
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Analyte	LOQ mg/unit	Mass mg/unit	Mass mg/g
THCa	0.01	ND	ND
Δ9-THC	0.01	ND	ND
Δ8-THC	0.01	37.66	8.03
THCV	0.01	ND	ND
CBDa	0.00	ND	ND
CBD	0.01	3.61	0.77
CBDV	0.01	ND	ND
CBN	0.01	0.05	0.01
CBGa	0.01	ND	ND
CBG	0.01	ND	ND
CBC	0.01	ND	ND
(6aR,9S)-d10-THC	0.01	0.09	0.02
(6aR,9R)-d10-THC	0.01	0.09	0.02
Δ9-THC Acetate	0.01	ND	ND
Δ8-THC Acetate	0.01	ND	ND
<b>Total</b>		<b>41.51</b>	<b>8.85</b>



1 Unit = .469g  
Test results only relate to the sample as received. Cannabinoids are corrected to dry weight where applicable. Foreign Matter by CANSOP013. Samples fail for foreign matter if the sample exceeds 2% w/w of organic foreign materials or any presence of inorganic materials.

Foreign Matter date tested: 05/25/2022

Total THC = THCa \* 0.877 + Δ9-THC. Total CBD = CBDa \* 0.877 + CBD.  
LOQ = Limit of Quantitation. Not currently accredited for CBDV, CBG, Delta-10, and THC-acetate. These will be added onto our next accreditation cycle and are for information purposes only.

Havard Industries  
6300 Boucher Dr.  
Edmond, OK 73034  
(405) 888-0961

Jeffery Havard  
Lab Manager, Havard Industries

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Lic# LAAA-8SPC-5FH4



# Certificate of Analysis

Analysis by Havard Industries

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Report Created: 06/04/2022  
Expires: 06/03/2023

## 30mg D8 Gummies

Ingestible, Soft Chew  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Terpenes Cannabinoid Terpenes by GC-FID, CANSOP005

Date Tested: 06/01/2022  
06/02/2022

## Primary Aromas

Analyte	LOQ	Mass	Mass
	%	%	mg/g
3-Carene	0.00	ND	ND
α-Bisabolol	0.00	ND	ND
α-Humulene	0.00	ND	ND
α-Pinene	0.00	ND	ND
α-Terpinene	0.00	ND	ND
β-Caryophyllene	0.00	ND	ND
β-Myrcene	0.00	ND	ND
β-Pinene	0.00	ND	ND
Camphene	0.00	ND	ND
Caryophyllene Oxide	0.00	ND	ND
Eucalyptol	0.00	ND	ND
γ-Terpinene	0.00	ND	ND
Geraniol	0.00	ND	ND
Guaiol	0.00	ND	ND
Isopulegol	0.00	ND	ND
Limonene	0.00	ND	ND
Linalool	0.00	ND	ND
Nerolidol	0.00	ND	ND
Ocimene	0.00	ND	ND
Phytol	0.00	ND	ND
p-Cymene	0.00	ND	ND
Terpinolene	0.00	ND	ND
<b>Total</b>		<b>0.00</b>	<b>0.00</b>

<b>0.00%</b> Total Terpenes

Analyzed by Havard Industries

Test results only relate to the sample as received. Terpenes are corrected to dry weight where applicable. ND = Not Detected, NT = Not tested

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## 30mg D8 Gummies

Ingestible, Soft Chew  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



### Pesticides Pass

Date Tested: 05/31/2022  
Residuals Pesticides by LC/MS/MS, CANSOP004

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	156.000	500.000	ND	Pass
Azoxystrobin	39.000	200.000	ND	Pass
Bifenazate	78.000	200.000	ND	Pass
Etoxazole	39.000	200.000	ND	Pass
Imazalil	39.000	200.000	ND	Pass
Imidacloprid	78.000	400.000	ND	Pass
Malathion	78.000	200.000	ND	Pass
Myclobutanil	78.000	200.000	ND	Pass
Permethrin	78.000	200.000	ND	Pass
Spinosad	78.000	200.000	ND	Pass
Spinosyn A	78.000	200.000	ND	Pass
Spinosyn D	78.000	200.000	ND	Pass
Spiromesifen	39.000	200.000	ND	Pass
Spirotetramat	78.000	200.000	ND	Pass
Tebuconazole	78.000	400.000	ND	Pass

Test results only relate to the sample as received.

### Heavy Metals Pass

05/30/2022

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	10.000	200.000	<LOQ	Pass
Cadmium	10.000	200.000	ND	Pass
Lead	10.000	500.000	ND	Pass
Mercury	10.000	100.000	<LOQ	Pass

Test results only relate to the sample as received.

### Moisture & Water Activity Pass

Date Tested: 05/30/2022  
Moisture Gravimetric, CANSOP009, Water Activity Meter CANSOP012

Analyte	Limit	Mass	Status
	aw	aw	
Water Activity	0.65	NR	

Analyte	Limit	Mass	Status
	%	%	
% Moisture	15.0	NR	NT

### Microbials Pass

Date Tested: 05/25/2022  
Biological Analysis by Agar Plates, CANSOP008, Aspergillus by qPCR, CANSOP020

Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Aerobic Bacteria	102	NR	NT
Aspergillus flavus	1	ND	Pass
Aspergillus fumigatus	1	ND	Pass
Aspergillus niger	1	ND	Pass
Aspergillus terreus	1	ND	Pass
Salmonella	1	ND	Pass
Shiga Toxin E. Coli	1	ND	Pass
Yeast & Mold	10000	ND	Pass

Test results only relate to the sample as received.

### Residual Solvents Pass

Date Tested: 06/02/2022  
Residuals Solvents by Headspace GC, CANSOP006

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Acetone	1.000	1000.000	ND	Pass
Benzene	1.000	2.000	ND	Pass
Butanes	1.000	1000.000	ND	Pass
Ethanol	1.000	5000.000	ND	Pass
Ethyl-Acetate	1.000	1000.000	ND	Pass
Heptanes	1.000	1000.000	ND	Pass
Isopropanol	1.000	1000.000	ND	Pass
Methanol	1.000	600.000	ND	Pass
n-Hexane	1.000	60.000	ND	Pass
Pentane	1.000	1000.000	ND	Pass
Propane	1.000	1000.000	ND	Pass
Toluene	1.000	180.000	ND	Pass
Xylenes	1.000	430.000	ND	Pass

Test results only relate to the sample as received.

### Mycotoxins Pass

Date Tested: 05/31/2022  
Mycotoxins by HPLC, CANSOP003

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	3.91	20.00	ND	Pass
Ochratoxin A	9.76	20.00	ND	Pass

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