

Photomicrograph of Sample

500  
microns



# Apple Jax

Matchbox Farms

## Certificate of Analysis

Date Received July 30, 2024

BioTrack ID:

Foreign Material Inspection

Material Cured Flower

4313 2877 0120 8644

Passed Visual Inspection

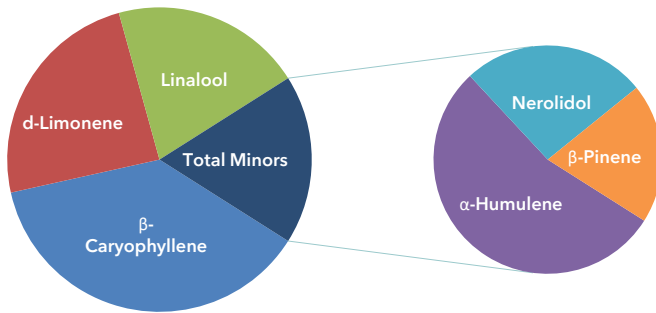
Method HPLC

Flower Lot (Apple Jax)

Internal ID MBF-C 012

Sample collected by client

Moisture 5.80%



### Abundant Terpenes

$\alpha$ -Pinene	0.05%	Terpinolene	<0.01%
Camphene	0.02%	Linalool	0.43%
$\beta$ -Pinene	0.08%	Isopulegol	0.00%
Myrcene	0.05%	Geraniol	0.04%
3-Carene	<0.01%	$\beta$ -Caryophyllene	0.80%
$\alpha$ -Terpinene	<0.01%	$\alpha$ -Humulene	0.21%
d-Limonene	0.51%	Nerolidol	0.10%
p-Cymene	<0.01%	Guaiol	0.01%
Ocimene	<0.01%	$\alpha$ -Bisabolol	0.02%
$\gamma$ -Terpinene	<0.01%		

Total Terpenes 2.29%

Cannabinoid	mg/g sample	Method
$\Delta$ 9-THC	4.6	HPLC
$\Delta$ 9-THCa	309.0	HPLC
$\Delta$ 8-THC	<0.1	HPLC
CBD	<0.1	HPLC
CBDa	<0.1	HPLC
CBG	<0.1	HPLC
CBGa	6.0	HPLC
CBN	<0.1	HPLC
CBC	<0.1	HPLC
$\Delta$ 6a,10a-THC	<0.1	HPLC
$\Delta$ 10-THC	<0.1	HPLC
$\Delta$ 9-THCP	<0.1	HPLC
CBDV	<0.1	HPLC
<b>TOTAL</b>	<b>319.6</b>	<b>mg/g sample</b>

Total THC  
27.6%

Total CBD  
<0.01%

Total Cannabinoids  
32%

### Pesticides Analysis ( $\mu$ g/g sample)

Abamectin	<0.1	Paclobutrazol	<0.04
Acequinocyl	<2.0	Piperonyl butoxide	<3.0
Bifenazate	<0.2	Pyrethrins (Tot)	<0.5
Bifenthrin	<0.1	Spinosyn A,D (Tot)	<0.1
Etoxazole	<0.1	Spiromesifen	<0.1
Imazalil	<0.1	Spirotetramat	<0.1
Imidacloprid	<0.1	Trifloxystrobin	<0.02
Myclobutanil	<0.1	Other	<0.02

Passed Pesticide Analysis

### Residual Solvent Analysis Not Performed (\*\*)

Propane	**	Heptane	**
Butanes	**	EBZ & Xylenes	**
Pentanes	**	Methanol	**
Hexane	**	2-Propanol	**
Cyclohexane	**	Dichloromethane	**
Benzene	**	Acetone	**
Toluene	**	Ethanol	**

### Microbial Screen (qPCR)

Microbial Screen (qPCR)	Result	Method
- E. coli (STEC)	PASS	via qPCR Analysis
- A. niger	PASS	via qPCR Analysis
- A. flavus	PASS	via qPCR Analysis
- A. fumigatus	PASS	via qPCR Analysis
- A. terreus	PASS	via qPCR Analysis
- Salmonella	PASS	via qPCR Analysis
- P. aeruginosa	**	Test Not Performed

Passed Microbial Analysis



Approved August 06, 2024  
Results are non-transferable  
and valid for 90 days.

*Barry Dungan*  
Barry Dungan - CEO