

**Customer:** Atlantic Medicinal Partners

**Address:**

774 Crawford Street  
 Fitchburg MA 01420

**Phone:** 781-443-5988

**License #:** RMD 1506-C



**Sample ID:** 21696  
**Sample Name:** M00001107520: Bulk Flower - Turbo Diesel  
**Sample Strain:** Turbo Diesel  
**Sample Type:** Flower  
**Received Date:** 12/17/2024  
**Report Date:** 12/20/2024  
**METRC ID:** 1A40A01000029CD000040894  
**METRC Source ID:** 1A40A01000029CD000040775  
**Client Batch ID:** TD111124.H102F2.F  
**Client Sample Size:** 10 grams



### Results Summary

**Cannabinoids**

12/18/2024

TESTED

**Terpenes**

12/18/2024

TESTED

**Heavy Metals**

12/20/2024

✓ PASS

**Microbial Impurities**

12/20/2024

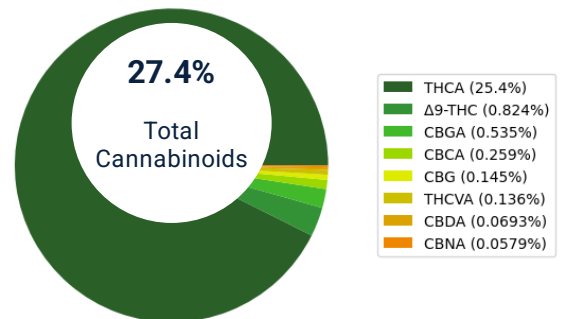
✓ PASS

**Pesticides and Mycotoxins**

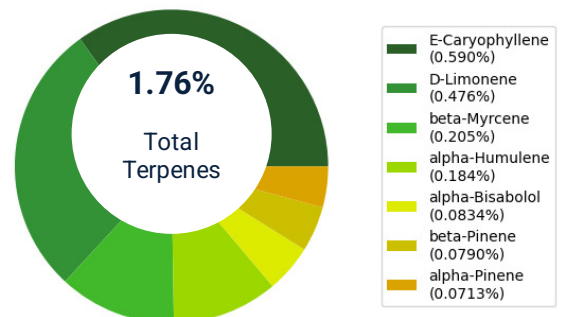
12/18/2024

✓ PASS

### Cannabinoid Distribution (%)



### Terpene Distribution (%)



## Cannabinoids

**Date Started:** 12/17/2024  
**Instrument:** UPLC-PDA

**Date Completed:** 12/18/2024  
**Method:** TP-09.001.05 & TP-09.012.05

**Analyst:** Yuesmin Wang Kovaleff  
**Deviation:** N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	25.4	254	0.0890	0.557
Δ9-THC	0.824	8.24	0.0103	0.0557
CBGA	0.535	5.35	0.00218	0.0278
CBCA	0.259	2.59	0.00717	0.0223
CBG	0.145	1.45	0.00242	0.0278
THCVA	0.136	1.36	0.00236	0.0223
CBDA	0.0693	0.693	0.00351	0.0557
CBNA	0.0579	0.579	0.00294	0.0223
CBDVA	ND	ND	0.00374	0.0223
CBDV	ND	ND	0.0106	0.0223
CBD	ND	ND	0.00431	0.0557
Δ9-THCV	ND	ND	0.00300	0.0223
Δ8-THCV	ND	ND	0.00543	0.0223
CBN	ND	ND	0.00381	0.0278
Exo-THC	ND	ND	0.00445	0.0223
Δ8-THC	ND	ND	0.00975	0.0278
CBL	ND	ND	0.00659	0.0223
CBC	ND	ND	0.00264	0.0223
<b>Total THC</b>	<b>23.1</b>	<b>231</b>		
<b>Total CBD</b>	<b>0.0608</b>	<b>0.608</b>		
<b>Total Cannabinoids</b>	<b>27.4</b>	<b>274</b>		

**Total THC** = Δ9-THC + (THCA x 0.877)

**Total CBD** = CBD + (CBDA x 0.877)

**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.

**LOD** = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

# Certificate of Analysis

## Terpenes

**Date Started:** 12/17/2024  
**Instrument:** GC-MS

**Date Completed:** 12/18/2024  
**Method:** TP-09.004.03

**Analyst:** Garrett Lane  
**Deviation:** N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
E-Caryophyllene	0.590	5.90	0.00244	0.00557
D-Limonene	0.476	4.76	0.00118	0.00557
beta-Myrcene	0.205	2.05	0.000935	0.00557
alpha-Humulene	0.184	1.84	0.00120	0.00557
alpha-Bisabolol	0.0834	0.834	0.00206	0.00557
beta-Pinene	0.0790	0.790	0.00115	0.00557
alpha-Pinene	0.0713	0.713	0.000467	0.00557
Camphene	0.0166	0.166	0.000614	0.00557
Terpinolene	0.0139	0.139	0.000695	0.00557
Z-beta-Ocimene	0.0109	0.109	0.00225	0.00557
Carophyllene Oxide	0.00936	0.0936	0.00126	0.00557
E-beta-Ocimene	0.00837	0.0837	0.00230	0.00557
Linalool	0.00728	0.0728	0.00170	0.00557
Isopulegol	ND	ND	0.00270	0.00557
Geraniol	ND	ND	0.00173	0.00557
Z-Nerolidol	ND	ND	0.00151	0.00557
E-Nerolidol	ND	ND	0.00127	0.00557
Guaiol	ND	ND	0.00121	0.00557
Eucalyptol	ND	ND	0.00169	0.00557
delta-3-Carene	ND	ND	0.00182	0.00557
alpha-Terpinene	ND	ND	0.00171	0.00557
gamma-Terpinene	ND	ND	0.00126	0.00557
<b>Total Terpenes</b>	<b>1.76</b>	<b>17.6</b>		

## Heavy Metals

✓ **PASS**

**Date Started:** 12/19/2024  
**Instrument:** ICP-MS

**Date Completed:** 12/20/2024  
**Method:** TP-09.007.01

**Analyst:** Meagan Mattos  
**Deviation:** N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	11.0	74.3	200	Pass
Cadmium	ND	6.60	74.3	200	Pass
Lead	<LOQ	6.06	74.3	500	Pass
Mercury	ND	5.29	37.2	100	Pass

## Microbial Impurities

✓ **PASS**

**Date Started:** 12/17/2024  
**Instrument:** TEMPO & Gene-Up

**Date Completed:** 12/20/2024  
**Method:** TP-09.010.01 & TP-09.011.01

**Analyst:** Garrett Lane  
**Deviation:** N/A

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Coliforms	ND	1000	Pass
Bile-Tolerant Gram-Negative Bacteria	ND	1000	Pass
Yeast & Mold	ND	10000	Pass
Aerobic Bacteria	ND	100000	Pass
E.coli	ND		Pass
Salmonella	ND		Pass

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# Certificate of Analysis

## Pesticides and Mycotoxins

✓ PASS

Date Started: 12/17/2024

Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 12/18/2024

Method: TP-09.008.02 & TP-09.009.04

Analyst: Lana Rivera

Deviation: N/A

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	ND	0.575	3.48	10.0	Pass
Bifenthrin	ND	1.22	3.48	10.0	Pass
Cyfluthrin	ND	0.461	2.90	10.0	Pass
Etoazole	ND	0.843	3.48	10.0	Pass
Imazalil	ND	0.867	3.48	10.0	Pass
Imidacloprid	ND	0.405	3.48	10.0	Pass
Myclobutanil	ND	0.952	3.48	10.0	Pass
Spiromesifen	ND	1.01	3.48	10.0	Pass
Trifloxystrobin	ND	0.535	3.48	10.0	Pass
Aflatoxin B1	ND	1.88	4.63		
Aflatoxin B2	ND	0.373	3.48		
Aflatoxin G1	ND	0.387	3.48		
Aflatoxin G2	ND	0.982	4.63		
Ochratoxin A	ND	1.07	3.48		
Total Mycotoxins	ND	0.373	3.48	20.0	Pass



Eric Steele, Lab Director  
12/20/2024

END OF REPORT

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