



CERTIFIED LAB ANALYTICS FOR

# CANNABIS POTENCY & TERPENE PROFILE TESTING

COMPARING HAND TRIMMING TO MACHINE TRIMMING

# OVERVIEW

The purpose of this report is to provide readers with a comparison of the laboratory-tested potency and terpene profile of cannabis flowers trimmed using the Mobius M108S Trimmer versus hand-trimmed flowers.

The following tests were carried out by [Caro Analytical Services](#), a GMP compliant and CALA Accredited (ISO 17025:2017) testing lab in British Columbia, Canada.

## METHODOLOGY

Natural variability present in the cannabis plant make it challenging to prepare samples that can be directly compared, even when those samples are taken from the same batch within the same harvest. For example, if one sample is prepared using flowers that are selected from the top of a plant while another sample is prepared using flowers from the middle or bottom of a plant, a direct 'apples-to-apples' comparison cannot be made. The sample taken from top flowers will always test higher than flowers from the middle or bottom of the plant, regardless of trimming method.

To eliminate this variable and ensure that a direct 'apples-to-apples' comparison would be possible, the samples prepared for this analysis were taken from the whole plant. That is, every single bud on the plant, from top to bottom, was clipped off by hand, trimmed (either by hand or using the Mobius M108S Trimmer) and then milled to homogenize the material. On top of this, the plants selected for this analysis were cultivated side-by-side to ensure that the grow environment was as consistent as possible across the plants.

In total, five entire plants were used in this analysis.

They were processed as follows:

PLANT 1 *	BASELINE	
PLANT 2	HAND TRIMMED	DRY
PLANT 3 **	MOBIUS TRIMMED	DRY
PLANT 4	MOBIUS TRIMMED	WET
PLANT 5	HAND TRIMMED	WET

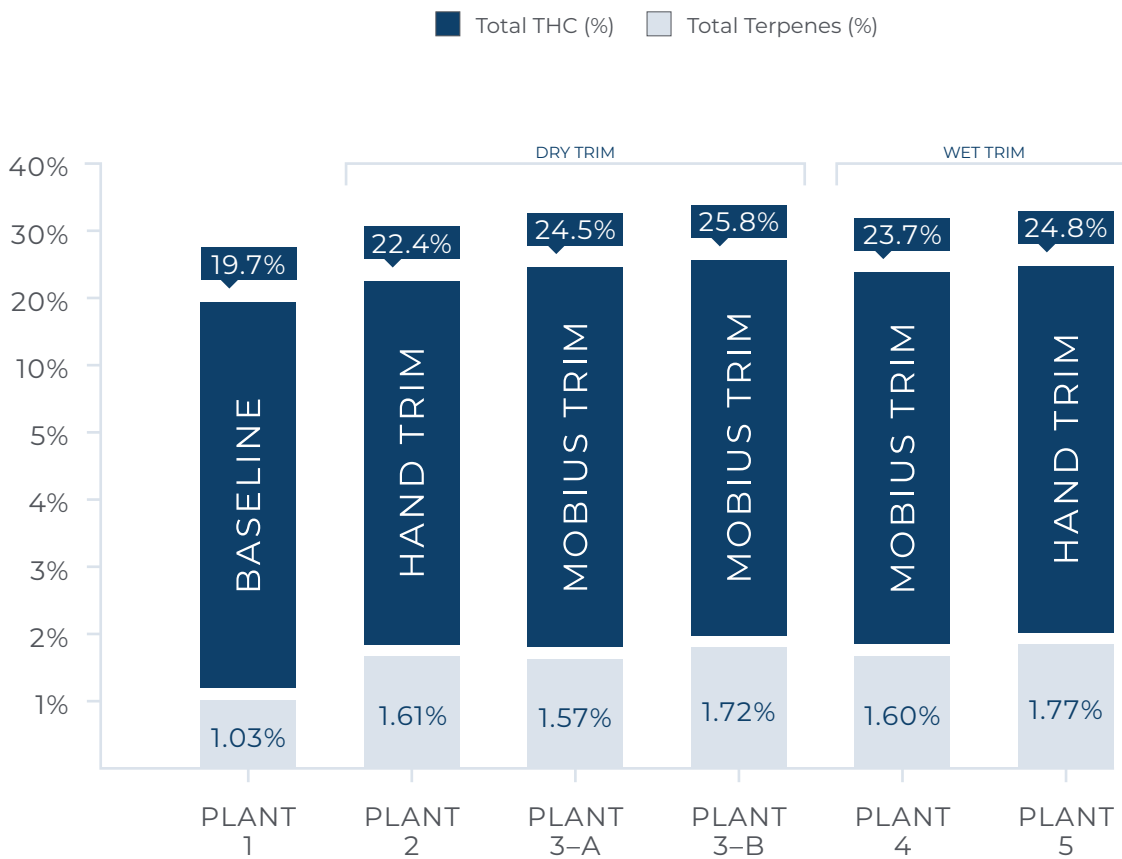
\* Water leaves removed but no other trimming performed. Final sample includes both flowers and sugar leaves.

\*\* Two samples were submitted for analysis from Plant 3. The samples were from the same plant and trimming batch.

# SUMMARY OF RESULTS

PLANT	TRIMMING METHOD	TRIMMING CONDITION	TOTAL THC	TOTAL TERPENES
PLANT 1*	N/A	N/A	19.7%	1.03%
PLANT 2	HAND TRIMMED	DRY TRIMMED	22.4%	1.61%
PLANT 3 – A	MOBIUS TRIMMED	DRY TRIMMED	24.5%	1.57%
PLANT 3 – B	MOBIUS TRIMMED	DRY TRIMMED	25.8%	1.72%
PLANT 4	MOBIUS TRIMMED	WET TRIMMED	23.7%	1.60%
PLANT 5	HAND TRIMMED	WET TRIMMED	24.8%	1.77%

\* Water leaves removed but no other trimming performed. Final sample includes both flowers and sugar leaves.



The results indicate that there is no difference between trimming by hand or trimming with the Mobius M108S Trimmer with respect to potency and terpene profiles.

Full lab results, are available in the appendix to this document.

# APPENDIX

DETAILED LAB RESULTS



# PLANT 2

DATA BREAKDOWN / HAND TRIMMED / DRY TRIM

## RESULTS

ANALYTE

RESULT

RL - UNITS

ANALYZED

PLANT 2 - HAND TRIM DRY FLOWER (22H1935-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## CANNABINOIDS

Cannabidivarinic Acid (CBDVA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidivarin (CBDV)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidiolic Acid (CBDA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabigerolic Acid (CBGA)	0.920	0.100 % [wt/wt]	2022-08-17
Cannabigerol (CBG)	0.197	0.100 % [wt/wt]	2022-08-17
Cannabidiol (CBD)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinolic Acid (CBNA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinol (CBN)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabicyclol (CBL)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromene (CBC)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromenic Acid (CBCA)	0.197	0.100 % [wt/wt]	2022-08-17
delta9-THC	4.58	0.100 % [wt/wt]	2022-08-17
delta8-THC	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarinic Acid (THCVA)	0.115	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarol (THCV)	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabinolic Acid (THCA)	20.3	0.100 % [wt/wt]	2022-08-17
Total CBD	<0.188	0.188 % [wt/wt]	n/a
Total THC	22.4	0.188 % [wt/wt]	n/a

## CALCULATED PARAMETERS

Total Terpenes	1.61	0.100 % [wt/wt]	n/a
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## ANALYTE

## RESULT

## RL - UNITS

## ANALYZED

PLANT 2 - HAND TRIM DRY FLOWER (22H1935-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## TERPENES

alpha-pinene	0.0406	0.0100 % [wt/wt]	2022-08-18
Camphene	0.0110	0.0100 % [wt/wt]	2022-08-18
Sabinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-pinene	0.0516	0.0100 % [wt/wt]	2022-08-18
Myrcene	0.0997	0.0100 % [wt/wt]	2022-08-18
delta3-carene	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Limonene	0.313	0.0100 % [wt/wt]	2022-08-18
Eucalyptol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Ocimene (cis+trans)	<0.0100	0.0100 % [wt/wt]	2022-08-18
gamma-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Sabinene Hydrate	<0.0100	0.0100 % [wt/wt]	2022-08-18
Terpinolene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Fenchone (D+L)	<0.0100	0.0100 % [wt/wt]	2022-08-18
Linalool	0.290	0.0100 % [wt/wt]	2022-08-18
(1R)-Endo-(+)-Fenchyl Alcohol	0.0694	0.0100 % [wt/wt]	2022-08-18
Isopulegol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Isoborneol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Menthol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Borneol (D+L)	0.0137	0.0100 % [wt/wt]	2022-08-18
Nerol (cis-Geraniol)	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Pulegone	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Geraniol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Geranyl Acetate	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Cedrene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-Caryophyllene	0.393	0.100 % [wt/wt]	2022-08-18
alpha-Humulene	0.141	0.0100 % [wt/wt]	2022-08-18
Valencene	<0.0100	0.0100 % [wt/wt]	2022-08-18
cis-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Guaiol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Caryophyllene Oxide	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Cedrol	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Bisabolol	0.189	0.0100 % [wt/wt]	2022-08-18



# PLANT 3 [A]

DATA BREAKDOWN - MOBIUS TRIMMED / DRY TRIM



# CARO ANALYTIC SERVICES

# RESULTS

ANALYTE	RESULT	RL - UNITS	ANALYZED
PLANT 3 - SAMPLE A MOBIUS DRY FLOWER (22H1937-01)    MATRIX CANNABIS DRY FLOWER    SAMPLED 2022-08-11			
<b>CANNABINOIDS</b>			
Cannabidivarinic Acid (CBDVA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidivarin (CBDV)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidiolic Acid (CBDA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabigerolic Acid (CBGA)	0.894	0.100 % [wt/wt]	2022-08-17
Cannabigerol (CBG)	0.457	0.100 % [wt/wt]	2022-08-17
Cannabidiol (CBD)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinolic Acid (CBNA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinol (CBN)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabicyclol (CBL)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromene (CBC)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromenic Acid (CBCA)	0.135	0.100 % [wt/wt]	2022-08-17
delta9-THC	8.63	0.100 % [wt/wt]	2022-08-17
delta8-THC	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarinic Acid (THCVA)	0.119	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarinol (THCV)	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabinolic Acid (THCA)	18.2	0.100 % [wt/wt]	2022-08-17
Total CBD	<0.188	0.188 % [wt/wt]	n/a
Total THC	24.5	0.188 % [wt/wt]	n/a

## CALCULATED PARAMETERS

Total Terpenes	1.57	0.100 % [wt/wt]	n/a
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## ANALYTE

## RESULT

## RL - UNITS

## ANALYZED

PLANT 3 - SAMPLE A MOBIUS DRY FLOWER (22H1937-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## TERPENES

alpha-pinene	0.0270	0.0100 % [wt/wt]	2022-08-18
Camphene	0.0110	0.0100 % [wt/wt]	2022-08-18
Sabinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-pinene	0.0337	0.0100 % [wt/wt]	2022-08-18
Myrcene	0.0456	0.0100 % [wt/wt]	2022-08-18
delta3-carene	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Limonene	0.181	0.0100 % [wt/wt]	2022-08-18
Eucalyptol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Ocimene (cis+trans)	<0.0100	0.0100 % [wt/wt]	2022-08-18
gamma-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Sabinene Hydrate	<0.0100	0.0100 % [wt/wt]	2022-08-18
Terpinolene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Fenchone (D+L)	<0.0100	0.0100 % [wt/wt]	2022-08-18
Linalool	0.243	0.0100 % [wt/wt]	2022-08-18
(1R)-Endo-(+)-Fenchyl Alcohol	0.0724	0.0100 % [wt/wt]	2022-08-18
Isopulegol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Isoborneol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Menthol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Borneol (D+L)	0.0148	0.0100 % [wt/wt]	2022-08-18
Nerol (cis-Geraniol)	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Pulegone	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Geraniol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Geranyl Acetate	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Cedrene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-Caryophyllene	0.531	0.100 % [wt/wt]	2022-08-18
alpha-Humulene	0.175	0.0100 % [wt/wt]	2022-08-18
Valencene	<0.0100	0.0100 % [wt/wt]	2022-08-18
cis-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Guaiol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Caryophyllene Oxide	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Cedrol	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Bisabolol	0.0286	0.0100 % [wt/wt]	2022-08-18

# PLANT 3 [B]

DATA BREAKDOWN - MOBIUS TRIMMED / DRY TRIM

# CARO ANALYTIC SERVICES

# RESULTS

ANALYTE	RESULT	RL - UNITS	ANALYZED
PLANT 3 - SAMPLE B MOBIUS DRY FLOWER (22H1938-01)    MATRIX CANNABIS DRY FLOWER    SAMPLED 2022-08-11			

## CANNABINOIDS

Cannabidivarinic Acid (CBDVA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidivarin (CBDV)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidiolic Acid (CBDA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabigerolic Acid (CBGA)	1.16	0.100 % [wt/wt]	2022-08-17
Cannabigerol (CBG)	0.303	0.100 % [wt/wt]	2022-08-17
Cannabidiol (CBD)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinolic Acid (CBNA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinol (CBN)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabicyclol (CBL)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromene (CBC)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromenic Acid (CBCA)	0.203	0.100 % [wt/wt]	2022-08-17
delta9-THC	6.74	0.100 % [wt/wt]	2022-08-17
delta8-THC	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarinic Acid (THCVA)	0.115	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarol (THCV)	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabinolic Acid (THCA)	21.7	0.100 % [wt/wt]	2022-08-17
Total CBD	<0.188	0.188 % [wt/wt]	n/a
Total THC	25.8	0.188 % [wt/wt]	n/a

## CALCULATED PARAMETERS

Total Terpenes	1.72	0.100 % [wt/wt]	n/a
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## ANALYTE

## RESULT

## RL - UNITS

## ANALYZED

PLANT 3 - SAMPLE B MOBIUS DRY FLOWER (22H1938-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## TERPENES

alpha-pinene	0.0422	0.0100 % [wt/wt]	2022-08-18
Camphene	0.0110	0.0100 % [wt/wt]	2022-08-18
Sabinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-pinene	0.0500	0.0100 % [wt/wt]	2022-08-18
Myrcene	0.110	0.0100 % [wt/wt]	2022-08-18
delta3-carene	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Limonene	0.243	0.0100 % [wt/wt]	2022-08-18
Eucalyptol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Ocimene (cis+trans)	<0.0100	0.0100 % [wt/wt]	2022-08-18
gamma-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Sabinene Hydrate	<0.0100	0.0100 % [wt/wt]	2022-08-18
Terpinolene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Fenchone (D+L)	0.0106	0.0100 % [wt/wt]	2022-08-18
Linalool	0.226	0.0100 % [wt/wt]	2022-08-18
(1R)-Endo-(+)-Fenchyl Alcohol	0.0688	0.0100 % [wt/wt]	2022-08-18
Isopulegol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Isoborneol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Menthol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Borneol (D+L)	0.0146	0.0100 % [wt/wt]	2022-08-18
Nerol (cis-Geraniol)	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Pulegone	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Geraniol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Geranyl Acetate	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Cedrene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-Caryophyllene	0.531	0.100 % [wt/wt]	2022-08-18
alpha-Humulene	0.176	0.0100 % [wt/wt]	2022-08-18
Valencene	<0.0100	0.0100 % [wt/wt]	2022-08-18
cis-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Guaiol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Caryophyllene Oxide	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Cedrol	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Bisabolol	0.244	0.0100 % [wt/wt]	2022-08-18



# PLANT 4

DATA BREAKDOWN - MOBIUS TRIMMED / WET TRIM

CARO ANALYTIC SERVICES

# RESULTS

ANALYTE

RESULT

RL - UNITS

ANALYZED

PLANT 4 - MOBIUS WET FLOWER (22H1941-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## CANNABINOIDS

Cannabidivarinic Acid (CBDVA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidivarin (CBDV)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidiolic Acid (CBDA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabigerolic Acid (CBGA)	1.39	0.100 % [wt/wt]	2022-08-17
Cannabigerol (CBG)	0.248	0.100 % [wt/wt]	2022-08-17
Cannabidiol (CBD)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinolic Acid (CBNA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinol (CBN)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabicyclol (CBL)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromene (CBC)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromenic Acid (CBCA)	0.196	0.100 % [wt/wt]	2022-08-17
delta9-THC	5.10	0.100 % [wt/wt]	2022-08-17
delta8-THC	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarinic Acid (THCVA)	0.128	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarol (THCV)	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabinolic Acid (THCA)	21.2	0.100 % [wt/wt]	2022-08-17
Total CBD	<0.188	0.188 % [wt/wt]	n/a
Total THC	23.7	0.188 % [wt/wt]	n/a

## CALCULATED PARAMETERS

Total Terpenes	1.60	0.100 % [wt/wt]	n/a
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## ANALYTE

## RESULT

## RL - UNITS

## ANALYZED

PLANT 4 - MOBIUS WET FLOWER (22H1941-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## TERPENES

alpha-pinene	0.0365	0.0100 % [wt/wt]	2022-08-18
Camphene	0.0128	0.0100 % [wt/wt]	2022-08-18
Sabinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-pinene	0.0430	0.0100 % [wt/wt]	2022-08-18
Myrcene	0.0647	0.0100 % [wt/wt]	2022-08-18
delta3-carene	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Limonene	0.193	0.0100 % [wt/wt]	2022-08-18
Eucalyptol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Ocimene (cis+trans)	<0.0100	0.0100 % [wt/wt]	2022-08-18
gamma-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Sabinene Hydrate	<0.0100	0.0100 % [wt/wt]	2022-08-18
Terpinolene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Fenchone (D+L)	<0.0100	0.0100 % [wt/wt]	2022-08-18
Linalool	0.198	0.0100 % [wt/wt]	2022-08-18
(1R)-Endo-(+)-Fenchyl Alcohol	0.0615	0.0100 % [wt/wt]	2022-08-18
Isopulegol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Isoborneol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Menthol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Borneol (D+L)	0.0128	0.0100 % [wt/wt]	2022-08-18
Nerol (cis-Geraniol)	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Pulegone	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Geraniol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Geranyl Acetate	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Cedrene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-Caryophyllene	0.557	0.100 % [wt/wt]	2022-08-18
alpha-Humulene	0.179	0.0100 % [wt/wt]	2022-08-18
Valencene	<0.0100	0.0100 % [wt/wt]	2022-08-18
cis-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Guaiol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Caryophyllene Oxide	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Cedrol	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Bisabolol	0.253	0.0100 % [wt/wt]	2022-08-18





# PLANT 5

DATA BREAKDOWN - HAND TRIMMED / WET TRIM

# CARO ANALYTIC SERVICES

# RESULTS

ANALYTE

RESULT

RL - UNITS

ANALYZED

PLANT 5 - MOBIUS WET FLOWER (22H1945-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## CANNABINOIDS

Cannabidivarinic Acid (CBDVA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidivarin (CBDV)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidiolic Acid (CBDA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabigerolic Acid (CBGA)	0.782	0.100 % [wt/wt]	2022-08-17
Cannabigerol (CBG)	0.171	0.100 % [wt/wt]	2022-08-17
Cannabidiol (CBD)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinolic Acid (CBNA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinol (CBN)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabicyclol (CBL)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromene (CBC)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromenic Acid (CBCA)	0.269	0.100 % [wt/wt]	2022-08-17
delta9-THC	3.98	0.100 % [wt/wt]	2022-08-17
delta8-THC	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarinic Acid (THCVA)	0.128	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarol (THCV)	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabinolic Acid (THCA)	23.7	0.100 % [wt/wt]	2022-08-17
Total CBD	<0.188	0.188 % [wt/wt]	n/a
Total THC	24.8	0.188 % [wt/wt]	n/a

## CALCULATED PARAMETERS

Total Terpenes	1.77	0.100 % [wt/wt]	n/a
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## ANALYTE

## RESULT

## RL - UNITS

## ANALYZED

PLANT 5 - MOBIUS WET FLOWER (22H1945-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## TERPENES

alpha-pinene	0.0482	0.0100 % [wt/wt]	2022-08-18
Camphene	0.0128	0.0100 % [wt/wt]	2022-08-18
Sabinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-pinene	0.0613	0.0100 % [wt/wt]	2022-08-18
Myrcene	0.136	0.0100 % [wt/wt]	2022-08-18
delta3-carene	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Limonene	0.278	0.0100 % [wt/wt]	2022-08-18
Eucalyptol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Ocimene (cis+trans)	<0.0100	0.0100 % [wt/wt]	2022-08-18
gamma-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Sabinene Hydrate	<0.0100	0.0100 % [wt/wt]	2022-08-18
Terpinolene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Fenchone (D+L)	0.0106	0.0100 % [wt/wt]	2022-08-18
Linalool	0.275	0.0100 % [wt/wt]	2022-08-18
(1R)-Endo-(+)-Fenchyl Alcohol	0.0843	0.0100 % [wt/wt]	2022-08-18
Isopulegol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Isoborneol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Menthol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Borneol (D+L)	0.0173	0.0100 % [wt/wt]	2022-08-18
Nerol (cis-Geraniol)	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Pulegone	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Geraniol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Geranyl Acetate	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Cedrene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-Caryophyllene	0.452	0.100 % [wt/wt]	2022-08-18
alpha-Humulene	0.155	0.0100 % [wt/wt]	2022-08-18
Valencene	<0.0100	0.0100 % [wt/wt]	2022-08-18
cis-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Guaiol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Caryophyllene Oxide	0.0104	0.0100 % [wt/wt]	2022-08-18
D-Cedrol	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Bisabolol	0.230	0.0100 % [wt/wt]	2022-08-18



# PLANT 1

DATA BREAKDOWN - BASELINE

## RESULTS

ANALYTE

RESULT

RL - UNITS

ANALYZED

PLANT 1 - BASELINE (22H1934-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## CANNABINOIDS

Cannabidivarinic Acid (CBDVA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidivarin (CBDV)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabidiolic Acid (CBDA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabigerolic Acid (CBGA)	0.685	0.100 % [wt/wt]	2022-08-17
Cannabigerol (CBG)	0.297	0.100 % [wt/wt]	2022-08-17
Cannabidiol (CBD)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinolic Acid (CBNA)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabinol (CBN)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabicyclol (CBL)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromene (CBC)	<0.100	0.100 % [wt/wt]	2022-08-17
Cannabichromenic Acid (CBCA)	0.109	0.100 % [wt/wt]	2022-08-17
delta9-THC	6.47	0.100 % [wt/wt]	2022-08-17
delta8-THC	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarinic Acid (THCVA)	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabivarol (THCV)	<0.100	0.100 % [wt/wt]	2022-08-17
Tetrahydrocannabinolic Acid (THCA)	11.7	0.100 % [wt/wt]	2022-08-17
Total CBD	<0.188	0.188 % [wt/wt]	n/a
Total THC	19.7	0.188 % [wt/wt]	n/a

## CALCULATED PARAMETERS

Total Terpenes	1.03	0.100 % [wt/wt]	n/a
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## ANALYTE

## RESULT

## RL - UNITS

## ANALYZED

PLANT 1 - BASELINE (22H1934-01) || MATRIX CANNABIS DRY FLOWER || SAMPLED 2022-08-11

## TERPENES

alpha-pinene	0.0109	0.0100 % [wt/wt]	2022-08-18
Camphene	0.0128	0.0100 % [wt/wt]	2022-08-18
Sabinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-pinene	0.0140	0.0100 % [wt/wt]	2022-08-18
Myrcene	0.0160	0.0100 % [wt/wt]	2022-08-18
delta3-carene	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Limonene	0.0664	0.0100 % [wt/wt]	2022-08-18
Eucalyptol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Ocimene (cis+trans)	<0.0100	0.0100 % [wt/wt]	2022-08-18
gamma-terpinene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Sabinene Hydrate	<0.0100	0.0100 % [wt/wt]	2022-08-18
Terpinolene	<0.0100	0.0100 % [wt/wt]	2022-08-18
Fenchone (D+L)	<0.0100	0.0100 % [wt/wt]	2022-08-18
Linalool	0.142	0.0100 % [wt/wt]	2022-08-18
(1R)-Endo-(+)-Fenchyl Alcohol	0.0421	0.0100 % [wt/wt]	2022-08-18
Isopulegol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Isoborneol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Menthol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Borneol (D+L)	0.0173	0.0100 % [wt/wt]	2022-08-18
Nerol (cis-Geraniol)	<0.0100	0.0100 % [wt/wt]	2022-08-18
D-Pulegone	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Geraniol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Geranyl Acetate	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Cedrene	<0.0100	0.0100 % [wt/wt]	2022-08-18
beta-Caryophyllene	0.397	0.100 % [wt/wt]	2022-08-18
alpha-Humulene	0.132	0.0100 % [wt/wt]	2022-08-18
Valencene	<0.0100	0.0100 % [wt/wt]	2022-08-18
cis-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
trans-Nerolidol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Guaiol	<0.0100	0.0100 % [wt/wt]	2022-08-18
Caryophyllene Oxide	0.0122	0.0100 % [wt/wt]	2022-08-18
D-Cedrol	<0.0100	0.0100 % [wt/wt]	2022-08-18
alpha-Bisabolol	0.199	0.0100 % [wt/wt]	2022-08-18