**REPORT NO.** C23304-92026

## A & L Canada Laboratories Inc.

2136 Jetstream Road, London, ON, N5V 3P5 Tel: (519) 457-2575 Fax: (519) 457-2664



TO: MOTIF LABS LTD.

### **CERTIFICATE OF ANALYSIS**

PAGE:

1 /

**CATEGORY:**Potency

**LAB NUMBER:**3049231

SAMPLE ID:ME0000976

STRAIN: DEBUNK - ICE GLASS APPLE 1.0g 510 Thread Cartridge

**SAMPLE MATRIX:**Vape Oil **DATE SAMPLED:**2023-10-27 **DATE RECEIVED:**2023-10-31 **DATE REPORTED:**2023-11-06 **DATE PRINTED:**2023-11-14

Cannabinoid Profile	RESULT		LOQ		METHOD DEFEDENCE
	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
CBC	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBCA	<loq< td=""><td><loq< td=""><td>1.65</td><td>16.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>1.65</td><td>16.5</td><td>ORG-M-071</td></loq<>	1.65	16.5	ORG-M-071
CBD	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBDA	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBDV	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBDVA	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBG	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBGA	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBL	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
CBN	0.31	3.1	0.25	2.5	ORG-M-071
CBNA	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
Delta 8-THC	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
THC	91.13	911.3	0.25	2.5	ORG-M-071
THCA	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
THCV	0.44	4.4	0.25	2.5	ORG-M-071
THCVA	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
Total CBD	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-071</td></loq<>	0.25	2.5	ORG-M-071
Total THC	91.13	911.3	0.25	2.5	ORG-M-071

Terpenes Scan	RE	RESULT		Q	METHOD DEFENSE
	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
#Total Terpenes	3.386	33.86	0.025	0.25	ORG-M-072
alpha-Bisabolol	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Alpha-Cedrene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
alpha-Humulene	0.447	4.47	0.025	0.25	ORG-M-072
alpha-Phellandrene	0.028	0.28	0.025	0.25	ORG-M-072
alpha-Pinene	0.096	0.96	0.025	0.25	ORG-M-072

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed. All results are released based on acceptable QC data. **Results Authorized By:** 

C23304-92026

Haifeng Song, Ph.D., C.Chem.

Lab Director

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#### **CERTIFICATE OF ANALYSIS**

PAGE:

2/3

**CATEGORY:**Potency

**LAB NUMBER:**3049231 **SAMPLE ID:**ME0000976

STRAIN: DEBUNK - ICE GLASS APPLE 1.0g 510 Thread Cartridge

SAMPLE MATRIX:Vape Oil DATE SAMPLED:2023-10-27 DATE RECEIVED:2023-10-31 DATE REPORTED:2023-11-06 DATE PRINTED:2023-11-14

	RESULT		LOQ		
Terpenes Scan	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
alpha-Terpinene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
alpha-Terpineol	0.242	2.42	0.025	0.25	ORG-M-072
beta-Caryophyllene	1.354	13.54	0.025	0.25	ORG-M-072
beta-Myrcene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
beta-Ocimene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
beta-Pinene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Borneol	0.10	1.0	0.05	0.5	ORG-M-072
Camphene	0.054	0.54	0.025	0.25	ORG-M-072
Camphor	<loq< td=""><td><loq< td=""><td>0.075</td><td>0.75</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.075</td><td>0.75</td><td>ORG-M-072</td></loq<>	0.075	0.75	ORG-M-072
Caryophyllene oxide	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Cedrol	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
cis-Nerolidol	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
d-Limonene	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<>	0.25	2.5	ORG-M-072
delta-3-Carene	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<>	0.25	2.5	ORG-M-072
E-beta-Farnesene	<loq< td=""><td><loq< td=""><td>0.065</td><td>0.65</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.065</td><td>0.65</td><td>ORG-M-072</td></loq<>	0.065	0.65	ORG-M-072
Eucalyptol	0.104	1.04	0.025	0.25	ORG-M-072
Fenchol	0.068	0.68	0.025	0.25	ORG-M-072
Fenchone	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-072</td></loq<>	0.05	0.5	ORG-M-072
gamma-Terpinene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Geraniol	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<>	0.25	2.5	ORG-M-072
Geranyl acetate	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Guaiol	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Isoborneol	0.032	0.32	0.025	0.25	ORG-M-072
Isopulegol	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Linalool	0.208	2.08	0.025	0.25	ORG-M-072
Menthol	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<>	0.25	2.5	ORG-M-072
Nerol	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072

LOQ - Limit of Quantification

C23304-92026

Haifeng Song, Ph.D., C.Chem.

Lab Director

**REPORT NO.** C23304-92026

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**CATEGORY:**Potency

**LAB NUMBER:**3049231 SAMPLE ID:ME0000976

STRAIN: DEBUNK - ICE GLASS APPLE 1.0g 510 Thread Cartridge

**SAMPLE MATRIX:**Vape Oil **DATE SAMPLED:**2023-10-27 **DATE RECEIVED:**2023-10-31 **DATE REPORTED:**2023-11-06 **DATE PRINTED:**2023-11-14

Terpenes Scan	RESULT		LOQ		METHOD DEFENDE
	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
p-Cymene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Pulegone	<loq< td=""><td><loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.25</td><td>2.5</td><td>ORG-M-072</td></loq<>	0.25	2.5	ORG-M-072
Sabinene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Sabinene hydrate	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
Terpinolene	<loq< td=""><td><loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.025</td><td>0.25</td><td>ORG-M-072</td></loq<>	0.025	0.25	ORG-M-072
trans-Nerolidol	0.106	1.06	0.025	0.25	ORG-M-072
Valencene	0.312	3.12	0.025	0.25	ORG-M-072

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed. All results are released based on acceptable QC data. **Results Authorized By:** 

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Lab Director