# A & L Canada Laboratories Inc.

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TO:MOTIF LABS LTD.

### **CERTIFICATE OF ANALYSIS**

PAGE:

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**CATEGORY:**Potency

**SAMPLE MATRIX:**Vape Oil **DATE SAMPLED**:2024-02-12 **DATE RECEIVED:**2024-02-13 **DATE REPORTED:**2024-02-20 **DATE PRINTED:**2024-03-12

SAMPLE ID:ME0001589

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

Cannabinoid Profile	RESULT		LOQ		METHOD DEFENSIVE
	% 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	<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
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	0.40	4.0	0.25	2.5	ORG-M-071
THC	95.05	950.5	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	0.40	4.0	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	95.05	950.5	0.25	2.5	ORG-M-071

Terpenes Scan	RE	RESULT		l	METHOD DEFENSE
	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
#Total Terpenes	4.375	43.75	0.025	0.25	ORG-M-072
alpha-Bisabolol	0.233	2.33	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	0.544	5.44	0.025	0.25	ORG-M-072
alpha-Phellandrene	0.067	0.67	0.025	0.25	ORG-M-072
alpha-Pinene	0.092	0.92	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:** 

C24044-92015

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

Lab Director

**REPORT NO.** C24044-92015

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### **CERTIFICATE OF ANALYSIS**

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**CATEGORY:**Potency

**SAMPLE MATRIX:**Vape Oil **DATE SAMPLED:**2024-02-12 **DATE RECEIVED:**2024-02-13

SAMPLE ID:ME0001589

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

**DATE REPORTED:**2024-02-20 **DATE PRINTED:**2024-03-12

Terpenes Scan	RESULT		LOQ		
	% 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	0.335	3.35	0.025	0.25	ORG-M-072
beta-Caryophyllene	1.707	17.07	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	0.11	1.1	0.05	0.5	ORG-M-072
Camphene	0.056	0.56	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	0.070	0.70	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	0.099	0.99	0.025	0.25	ORG-M-072
Fenchol	0.079	0.79	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	0.031	0.31	0.025	0.25	ORG-M-072
Isopulegol	0.056	0.56	0.025	0.25	ORG-M-072
Linalool	0.277	2.77	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

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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### **CERTIFICATE OF ANALYSIS**

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**CATEGORY:**Potency

SAMPLE MATRIX: Vape Oil
DATE SAMPLED: 2024-02-12
DATE RECEIVED: 2024-02-13
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SAMPLE ID:ME0001589

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

Terpenes Scan	RESULT		LOQ		METHOD DEFEDENCE
	% 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	0.113	1.13	0.025	0.25	ORG-M-072
Valencene	0.258	2.58	0.025	0.25	ORG-M-072

LOQ - Limit of Quantification

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Lab Director