REPORT NO. C24037-92023

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:

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CATEGORY:Potency

SAMPLE MATRIX:Vape Oil **DATE SAMPLED:**2024-02-03 **DATE RECEIVED:**2024-02-06 **DATE REPORTED:**2024-02-12

DATE PRINTED:2024-03-12

SAMPLE ID:ME0001545

STRAIN: DEBUNK - ICE KIWI KUSH 1.0g 510 Thread Cartridge

Cannabinoid Profile	RESULT		LOQ		METUOD DEFENSAGE
	% 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	0.29	2.9	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	93.72	937.2	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	0.72	7.2	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	93.72	937.2	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	3.891	38.91	0.025	0.25	ORG-M-072
alpha-Bisabolol	0.059	0.59	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	0.104	1.04	0.025	0.25	ORG-M-072
alpha-Phellandrene	0.110	1.10	0.025	0.25	ORG-M-072
alpha-Pinene	0.434	4.34	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:**

C24037-92023

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

Lab Director

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SAMPLE MATRIX:Vape Oil DATE SAMPLED:2024-02-03 DATE RECEIVED:2024-02-06 DATE REPORTED:2024-02-12

SAMPLE ID:ME0001545

STRAIN: DEBUNK - ICE KIWI KUSH 1.0g 510 Thread Cartridge

DATE PRINTED:2024-03-12

STRAIN.DEDONN - ICE NIW NOOTH 1.09 510 Thread California				
RE	RESULT		2	METHOD DEFENSE
% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
0.076	0.76	0.025	0.25	ORG-M-072
0.153	1.53	0.025	0.25	ORG-M-072
0.356	3.56	0.025	0.25	ORG-M-072
0.898	8.98	0.025	0.25	ORG-M-072
<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
0.135	1.35	0.025	0.25	ORG-M-072
0.10	1.0	0.05	0.5	ORG-M-072
0.059	0.59	0.025	0.25	ORG-M-072
<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
<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< 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
0.075	0.75	0.025	0.25	ORG-M-072
0.41	4.1	0.25	2.5	ORG-M-072
<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
<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
0.085	0.85	0.025	0.25	ORG-M-072
0.102	1.02	0.025	0.25	ORG-M-072
<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
0.045	0.45	0.025	0.25	ORG-M-072
<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
<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< 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
0.028	0.28	0.025	0.25	ORG-M-072
0.043	0.43	0.025	0.25	ORG-M-072
0.241	2.41	0.025	0.25	ORG-M-072
<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
<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
	% w/w 0.076 0.153 0.356 0.898 <loq 0.028="" 0.043="" 0.045="" 0.059="" 0.075="" 0.085="" 0.10="" 0.102="" 0.135="" 0.241="" 0.41="" <loq="" <loq<="" td=""><td>% w/w mg/g 0.076 0.76 0.153 1.53 0.356 3.56 0.898 8.98 <loq< td=""> <loq< td=""> 0.135 1.35 0.10 1.0 0.059 0.59 <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> 0.075 0.75 0.41 4.1 <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> 0.085 0.85 0.102 1.02 <loq< td=""> <loq< td=""> 0.045 0.45 <loq< td=""> <t< td=""><td>% w/w mg/g % w/w 0.076 0.76 0.025 0.153 1.53 0.025 0.356 3.56 0.025 0.898 8.98 0.025 <loq< td=""> <loq< td=""> 0.025 0.135 1.35 0.025 0.10 1.0 0.05 0.059 0.59 0.025 <loq< td=""> <loq< td=""> 0.075 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 0.075 0.75 0.025 0.075 0.75 0.025 0.041 4.1 0.25 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.065 0.085 0.85 0.025 <loq< td=""> <loq< td=""> 0.05 <loq< td=""> <loq< td=""> 0.05 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></td><td>% w/w mg/g % w/w mg/g 0.076 0.76 0.025 0.25 0.153 1.53 0.025 0.25 0.356 3.56 0.025 0.25 0.898 8.98 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 0.135 1.35 0.025 0.25 0.10 1.0 0.05 0.5 0.059 0.59 0.025 0.25 <loq< td=""> <loq< td=""> 0.075 0.75 <loq< td=""> <loq< td=""> 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 0.075 0.75 0.025 0.25 0.075 0.75 0.025 0.25 0.075 0.75 0.025 0.25 0.041 4.1 0.25 2.5 <loq< td=""> <loq< td=""> 0.065 0.65 0.085 0.85 0.025 0.25<!--</td--></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></td></t<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></td></loq>	% w/w mg/g 0.076 0.76 0.153 1.53 0.356 3.56 0.898 8.98 <loq< td=""> <loq< td=""> 0.135 1.35 0.10 1.0 0.059 0.59 <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> 0.075 0.75 0.41 4.1 <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> 0.085 0.85 0.102 1.02 <loq< td=""> <loq< td=""> 0.045 0.45 <loq< td=""> <t< td=""><td>% w/w mg/g % w/w 0.076 0.76 0.025 0.153 1.53 0.025 0.356 3.56 0.025 0.898 8.98 0.025 <loq< td=""> <loq< td=""> 0.025 0.135 1.35 0.025 0.10 1.0 0.05 0.059 0.59 0.025 <loq< td=""> <loq< td=""> 0.075 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 0.075 0.75 0.025 0.075 0.75 0.025 0.041 4.1 0.25 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.065 0.085 0.85 0.025 <loq< td=""> <loq< td=""> 0.05 <loq< td=""> <loq< td=""> 0.05 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></td><td>% w/w mg/g % w/w mg/g 0.076 0.76 0.025 0.25 0.153 1.53 0.025 0.25 0.356 3.56 0.025 0.25 0.898 8.98 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 0.135 1.35 0.025 0.25 0.10 1.0 0.05 0.5 0.059 0.59 0.025 0.25 <loq< td=""> <loq< td=""> 0.075 0.75 <loq< td=""> <loq< td=""> 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 0.075 0.75 0.025 0.25 0.075 0.75 0.025 0.25 0.075 0.75 0.025 0.25 0.041 4.1 0.25 2.5 <loq< td=""> <loq< td=""> 0.065 0.65 0.085 0.85 0.025 0.25<!--</td--></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></td></t<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	% w/w mg/g % w/w 0.076 0.76 0.025 0.153 1.53 0.025 0.356 3.56 0.025 0.898 8.98 0.025 <loq< td=""> <loq< td=""> 0.025 0.135 1.35 0.025 0.10 1.0 0.05 0.059 0.59 0.025 <loq< td=""> <loq< td=""> 0.075 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 0.075 0.75 0.025 0.075 0.75 0.025 0.041 4.1 0.25 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.065 0.085 0.85 0.025 <loq< td=""> <loq< td=""> 0.05 <loq< td=""> <loq< td=""> 0.05 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""> 0.025 <loq< td=""> <loq< td=""></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	% w/w mg/g % w/w mg/g 0.076 0.76 0.025 0.25 0.153 1.53 0.025 0.25 0.356 3.56 0.025 0.25 0.898 8.98 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 0.135 1.35 0.025 0.25 0.10 1.0 0.05 0.5 0.059 0.59 0.025 0.25 <loq< td=""> <loq< td=""> 0.075 0.75 <loq< td=""> <loq< td=""> 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 <loq< td=""> <loq< td=""> 0.025 0.25 0.075 0.75 0.025 0.25 0.075 0.75 0.025 0.25 0.075 0.75 0.025 0.25 0.041 4.1 0.25 2.5 <loq< td=""> <loq< td=""> 0.065 0.65 0.085 0.85 0.025 0.25<!--</td--></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>

LOQ - Limit of Quantification

C24037-92023

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

Lab Director

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SAMPLE ID:ME0001545

STRAIN: DEBUNK - ICE KIWI KUSH 1.0g 510 Thread Cartridge

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Terpenes Scan	RE	RESULT		Q	METUOD 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	0.044	0.44	0.025	0.25	ORG-M-072
trans-Nerolidol	0.126	1.26	0.025	0.25	ORG-M-072
Valencene	<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

C24037-92023

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