



TO: MOTIF LABS LTD.

# CERTIFICATE OF ANALYSIS

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CATEGORY: Potency

SAMPLE MATRIX: Vape Oil  
DATE SAMPLED: 2024-03-01  
DATE RECEIVED: 2024-03-05  
DATE REPORTED: 2024-03-11  
DATE PRINTED: 2024-03-13

SAMPLE ID: ME0002238  
STRAIN: Debunk ICE Glass Apple 510 1.0g

| Cannabinoid Profile | RESULT |       | LOQ   |      | METHOD REFERENCE |
|---------------------|--------|-------|-------|------|------------------|
|                     | % w/w  | mg/g  | % w/w | mg/g |                  |
| CBC                 | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBCA                | <LOQ   | <LOQ  | 1.65  | 16.5 | ORG-M-071        |
| CBD                 | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBDA                | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBDV                | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBDVA               | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBG                 | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBGA                | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBL                 | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBN                 | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| CBNA                | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| Delta 8-THC         | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| THC                 | 94.60  | 946.0 | 0.25  | 2.5  | ORG-M-071        |
| THCA                | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| THCV                | 0.43   | 4.3   | 0.25  | 2.5  | ORG-M-071        |
| THCVA               | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| Total CBD           | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-071        |
| Total THC           | 94.60  | 946.0 | 0.25  | 2.5  | ORG-M-071        |

| Terpenes Scan      | RESULT |       | LOQ   |      | METHOD REFERENCE |
|--------------------|--------|-------|-------|------|------------------|
|                    | % w/w  | mg/g  | % w/w | mg/g |                  |
| #Total Terpenes    | 4.674  | 46.74 | 0.025 | 0.25 | ORG-M-072        |
| alpha-Bisabolol    | 0.235  | 2.35  | 0.025 | 0.25 | ORG-M-072        |
| Alpha-Cedrene      | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| alpha-Humulene     | 0.580  | 5.80  | 0.025 | 0.25 | ORG-M-072        |
| alpha-Phellandrene | 0.078  | 0.78  | 0.025 | 0.25 | ORG-M-072        |
| alpha-Pinene       | 0.117  | 1.17  | 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:

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



C24065-92010



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|---------------------|--------|-------|-------|------|------------------|
|                     | % w/w  | mg/g  | % w/w | mg/g |                  |
| alpha-Terpinene     | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| alpha-Terpineol     | 0.340  | 3.40  | 0.025 | 0.25 | ORG-M-072        |
| beta-Caryophyllene  | 1.826  | 18.26 | 0.025 | 0.25 | ORG-M-072        |
| beta-Myrcene        | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| beta-Ocimene        | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| beta-Pinene         | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| Borneol             | 0.12   | 1.2   | 0.05  | 0.5  | ORG-M-072        |
| Camphene            | 0.066  | 0.66  | 0.025 | 0.25 | ORG-M-072        |
| Camphor             | 0.077  | 0.77  | 0.075 | 0.75 | ORG-M-072        |
| Caryophyllene oxide | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| Cedrol              | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| cis-Nerolidol       | 0.072  | 0.72  | 0.025 | 0.25 | ORG-M-072        |
| d-Limonene          | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-072        |
| delta-3-Carene      | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-072        |
| E-beta-Farnesene    | <LOQ   | <LOQ  | 0.065 | 0.65 | ORG-M-072        |
| Eucalyptol          | 0.108  | 1.08  | 0.025 | 0.25 | ORG-M-072        |
| Fenchol             | 0.084  | 0.84  | 0.025 | 0.25 | ORG-M-072        |
| Fenchone            | <LOQ   | <LOQ  | 0.05  | 0.5  | ORG-M-072        |
| gamma-Terpinene     | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| Geraniol            | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-072        |
| Geranyl acetate     | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| Guaiol              | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |
| Isoborneol          | 0.032  | 0.32  | 0.025 | 0.25 | ORG-M-072        |
| Isopulegol          | 0.055  | 0.55  | 0.025 | 0.25 | ORG-M-072        |
| Linalool            | 0.297  | 2.97  | 0.025 | 0.25 | ORG-M-072        |
| Menthol             | <LOQ   | <LOQ  | 0.25  | 2.5  | ORG-M-072        |
| Nerol               | <LOQ   | <LOQ  | 0.025 | 0.25 | ORG-M-072        |

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SAMPLE ID:ME0002238

STRAIN:Debunk ICE Glass Apple 510 1.0g

| Terpenes Scan    | RESULT |      | LOQ   |      | METHOD REFERENCE |
|------------------|--------|------|-------|------|------------------|
|                  | % w/w  | mg/g | % w/w | mg/g |                  |
| p-Cymene         | <LOQ   | <LOQ | 0.025 | 0.25 | ORG-M-072        |
| Pulegone         | <LOQ   | <LOQ | 0.25  | 2.5  | ORG-M-072        |
| Sabinene         | <LOQ   | <LOQ | 0.025 | 0.25 | ORG-M-072        |
| Sabinene hydrate | <LOQ   | <LOQ | 0.025 | 0.25 | ORG-M-072        |
| Terpinolene      | <LOQ   | <LOQ | 0.025 | 0.25 | ORG-M-072        |
| trans-Nerolidol  | 0.118  | 1.18 | 0.025 | 0.25 | ORG-M-072        |
| Valencene        | 0.264  | 2.64 | 0.025 | 0.25 | ORG-M-072        |

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REPORT NO.  
C24065-92010

# A & L Canada Laboratories Inc.



ACCOUNT NUMBER  
02270

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

TO: MOTIF LABS LTD.  
516 JOHN ST. N.  
AYLMER, ON N5H 2B8  
CANADA  
hereinafter the "Recipient"

ATTN: Nav Sidhu  
Phone: 519-272-3363

## CERTIFICATE OF ANALYSIS

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CATEGORY: Contamination  
PO#: Nav Sidhu  
LAB NUMBER: 659224  
SAMPLE ID: FM0000892-VAPE FORMULATION  
STRAIN: FM0000892-Vape Formulation

SAMPLE MATRIX: Vape Oil  
DATE SAMPLED: 2024-03-01  
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| Microbiological Scan                 | RESULT   | UNIT                 | LOQ              | METHOD REFERENCE |
|--------------------------------------|----------|----------------------|------------------|------------------|
| Bile-Tolerant Gram Negative Bacteria | Negative | P-A/g                | 1                | USP62/EP2.6.13   |
| Pseudomonas aeruginosa               | Negative | P-A/g                | 1                | USP62/EP2.6.13   |
| Staphylococcus aureus                | Negative | P-A/g                | 1                | USP62/EP2.6.13   |
| Total Aerobic Microbial Count        | <100     | CFU/g                | 100              | USP61/EP2.6.12   |
| Total Yeasts & Moulds                | <10      | CFU/g                | 10               | USP61/EP2.6.12   |
| Visual Inspection                    | RESULT   | AMOUNT INSPECTED (g) | METHOD REFERENCE |                  |
| Foreign Matter                       | <2%      | 10                   | USP 561/EP 2.8.2 |                  |

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