

# **CERTIFICATE OF COMPLIANCE**

**Product:** A-HA!

**Product Brand:** Hash Rosin Chocolate

**Lot:** U ‡ #

Manufactured by: Loosh Inc.

Address: 160 Steeprock Dr. M3J 2T4, North York,

# **ON Input Cannabinoids ingredients**

Ingredient name	Lot Number
Forbidden Fruit	FB01700-LL-1

# **Weight Accuracy**

Method	Specification	Result	Evaluation
In Process Check	Declared Net Weight ± 9%	20 g ±9%	PASS

# **Packaging Seal Check**

Method	Specification	Result	Evaluation
In Process Check	Visual Inspection	Seal Intact	PASS

Loosh Inc. certifies this product is produced at Loosh Inc. facility using the Cannabinoids with lot # listed in the table above. Loosh Inc. is cannabis licensed processing facility with License No. LIC-Z651PJ5EEN-2021-4 and complies with Cannabis regulations.

QAP:
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Date:

Loosh Inc. 160 Steeprock dr. North York M3J 2T4+ 416 631 7799



Client Name: Loosh Inc.

Instrument: rt-PCR

Address: 160 Steeprock Drive, North

York, Ontario

Method: TP-007/008

Contact/Attn.: Sravan Onteru Email: sonteru@looshbrands.com

# Sample Information

Sample Type: Cannabis EdibleSigma ID:20240417-LI-243Client ID: Hash rosin 2 - layer ChocolateDate Received:17-Apr-24Lot #: MWC240416105Test Date:17-Apr-24Certificate #: 20240419-LI-0937Certificate Issue Date:19-Apr-24

# Microbial Contamination

Contamination	Client Specification	Results	Pass/Fail
TAC	NMT 1000 cfu/g	<10 cfu/g	Pass
TYMC	NMT 100 cfu/g	Not Detected	Pass
E.coli	Absent in 1 g	Absent in 1 g	Pass
Salmonella	Absent in 10 g	Absent in 10 g	Pass
Coliform	NMT 100 cfu/g	Not Detected	Pass

#### Notes

The sample name is A-HA! Hash rosin 2 - layer Chocolate.

# Final Approval

Approved by: Taha Nikrou

Quality Assurance Director

Date Approved: April 19, 2024



Client Name: Loosh Inc.

Address: 160 Steeprock Drive, North

York, Ontario

Contact/Attn.: Sravan Onteru Email: sonteru@looshbrands.com

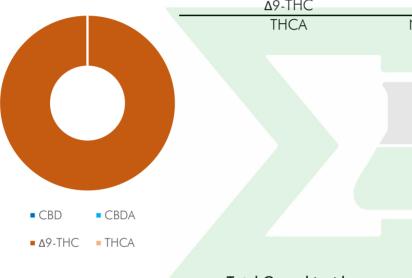
# Sample Information

Sample Type: Cannabis EdibleSigma ID:20240417-LI-242Client ID: Hash rosin 2 - layer ChocolateDate Received:17-Apr-24Lot #: MWC240416105Test Date:18-Apr-24Certificate #: 20240419-LI-0936Certificate Issue Date:19-Apr-24

Cannabinoid Profile Instrument: HPLC-PDA Method: TP-001

# 4 Major Cannabinoids

Compound	Results (mg/g)
CBD	Not Detected
CBDA	Not Detected
Δ9-THC	0.4256
THCA	Not Detected



Total Cannabinoids	
Total CBD	Not Detected
Total THC	0.4256

#### Notes

The sample name is A-HA! Hash rosin 2 - layer Chocolate.  $\mbox{LOD} = 0.002 \mbox{ mg/g}$ 

# Final Approval

Approved by: Taha Nikrou

Quality Assurance Director

Date Approved: April 19, 2024

Sigma Analytical Services Inc., 1510 Birchmount Rd., Units 208 - 210, Toronto, Ontario M1P 2G6 Telephone: 647 496 9919, Email: info@sigmaanalytical.com, Web: sigmaanalytical.com

HIGH NORTH ID: 00435220

Date: 2024-01-31

Certificate: 1706735294



High North Inc. 241 Hanlan Rd, Unit 7 Woodbridge, ON, L4L 3R7 1-416-864-6119 LIC-P4PNIMAC20-2022

Client: FINAL BELL Corp.

3-1100 Bennett Road,

Bowmanville, ON, L1C 0Y7

Name: Roland Law

647-968-8119 rlaw@finalbell.com

Product: Forbidden Fruit Lot: FB01700-LL-1

Matrix: Concentrate

Sub-matrix: Vape

Sampled: 2024-01-26 Received: 2024-01-26

# **Certificate of Analysis**

Mycotoxin Analysis	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	Status
Aflatoxin-B1	0.4000	2	2	ND	PASS
Aflatoxin-B2	0.4000	2		ND	
Aflatoxin-G1	0.3000	2		ND	
Aflatoxin-G2	0.5000	2		ND	
Sum of Aflatoxins:			4	0	PASS
Ochratoxin-A	1.7000	20	20	ND	PASS
Microbial Analysis		LOD (CFU/g)	RL (CFU/g)	Result (CFU/g	) Status
Total Aerobic Count		10	200	< 10	PASS
Total Yeast and Mold Count		10	20	< 10	PASS
S.aureus/P.aeruginosa				Absent in 1g	PASS
Bile-Tolerant Gram-Negative				Absent in 1g	PASS
Heavy Metals Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.067	0.2	0.2	ND	PASS
Cadmium	0.008	0.05	0.3	BLQ	PASS
Lead	0.010	0.50	0.5	BLQ	PASS
Mercury	0.003	0.05	0.1	ND	PASS

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers





High North ID: 00435220 Certificate: 1706735294



Residual Solvents Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
1-Butanol	136.46	1000	5000	ND	PASS
1-Pentanol	102.40	1000	5000	ND	PASS
1-Propanol	199.71	1000	5000	ND	PASS
2-Butanol	48.38	1000	5000	ND	PASS
2-Methyl-1-propanol	153.28	1000	5000	ND	PASS
2-Propanol	142.60	1000	5000	ND	PASS
3-Methyl-1-butanol	64.03	1000	5000	ND	PASS
Acetone	81.47	1000	5000	ND	PASS
Anisole	54.77	1000	5000	ND	PASS
Butyl acetate	40.51	1000	5000	ND	PASS
Dimethyl sulfoxide	96.05	1000	5000	ND	PASS
Ethanol	179.88	1000	5000	ND	PASS
Ethyl acetate	89.17	1000	5000	ND	PASS
Ethyl ether	105.42	1000	5000	ND	PASS
Ethyl formate	194.93	1000	5000	ND	PASS
Heptane	109.56	1000	5000	ND	PASS
Isobutyl acetate	48.49	1000	5000	ND	PASS
Isopropyl acetate	118.80	1000	5000	ND	PASS
Methyl acetate	87.65	1000	5000	ND	PASS
Methylethyl ketone	97.35	1000	5000	ND	PASS
Pentane	102.77	1000	5000	ND	PASS
Propyl acetate	58.63	1000	5000	ND	PASS
Tert-Butylmethyl ether	115.57	1000	5000	ND	PASS
Triethylamine	22.07	1000	5000	ND	PASS

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers

Ebai Achare QA Specialist



High North ID: 00435220 Certificate: 1706735294



# **Details of Testing**

#### **Cannabinoid Analysis**

LAB-MTD-020: Determination of 16 Cannabinoids in Cannabis Flowers, Extracts, Topicals, Tablets and Isolates by HPLC

LAB-MTD-039: Determination of 11 Cannabinoids in Cannabis Edibles by HPLC LAB-MTD-051: Assay of Cannabinoids in Cannabis Flower as per DAB by HPLC

LAB-MTD-052: Identification of CBD and THCA as per DAB by Thin-Layer Chromatography

#### **Terpene Analysis**

LAB-MTD-044: Determination of Terpene Content in Cannabis Dried Flower, Fresh Flower and Extracts by GC-MS

#### **Pesticide Analysis**

LAB-MTD-010: Determination of Health Canada Pesticide Residues and Toxins in Dried Cannabis Flower by LC-MS/MS and GC-MS/MS

LAB-MTD-040: Determination of EP 2.8.13 Pesticide Residues in Cannabis Extracts by GC-MS/MS LAB-MTD-041: Determination of EP 2.8.13/USP 561 Pesticide Residues in Cannabis Flower by GC-MS/MS and LC-MS/MS

LAB-MTD-046: Determination of Health Canada Pesticides and Toxins in Cannabis Extracts by LC-MS/MS

LAB-MTD-048: Determination of Health Canada Pesticide Residues and Toxins in Fresh Cannabis Flower by LC-MS/MS and GC-MS/MS

LAB-MTD-055: Determination of Israel Pesticide Residues in Dried/Fresh Cannabis by LC-MS/MS and GC-MS/MS

#### **Mycotoxin Analysis**

LAB-MTD-010: Determination of Health Canada Pesticide Residues and Toxins in Dried Cannabis Flower by LC-MS/MS and GC-MS/MS

LAB-MTD-029: Determination of Toxins in Tablet Samples by LC-MS/MS

LAB-MTD-037: Determination of Mycotoxins in Topical/Cream Samples by LC-MS/MS

LAB-MTD-046: Determination of Health Canada Pesticides and Toxins in Cannabis Extracts by LC-MS/MS

LAB-MTD-048: Determination of Health Canada Pesticide Residues and Toxins in Fresh Cannabis Flower by LC-MS/MS and GC-MS/MS

#### Flavonoid Analysis

LAB-MTD-045: Determination of Flavonoids in Cannabis Dried Flower, Fresh Flower, and Extracts by LC-MS/MS

#### Peroxide Value, p-Anisidine and Acidity (FFA) Analysis

LAB-MTD-049: Determination of Peroxide Value, p-Anisidine, and Acidity (FFA)

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Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers

Authorized by:





High North ID: 00435220 Certificate: 1706735294



# **Details of Testing**

#### **Microbial Analysis**

MIC-MTD-001: Microbial Analysis of Cannabis Flower and Oil by qPCR MIC-MTD-006: Determination of Viruses in Cannabis via qPCR and ELISA MIC-MTD-007: Microbial Analysis of Cannabis by Culture Techniques

MIC-MTD-009: Cannabis Gender Determination by qPCR

MIC-MTD-010: Identification A and Identification B of Cannabis by DAB Monograph MIC-MTD-011: Analysis of Shigella Species in Cannabis and Cannabis Infused Products

MIC-MTD-008: Analysis of Listeria Monocytogenes in Cannabis and Cannabis Infused Products

MIC-MTD-012: Microbial Analysis of Cannabis and Cannabis Infused Products by TEMPO

#### **Moisture Analysis**

LAB-MTD-017: Determination of Moisture Content in Cannabis Flower

LAB-MTD-031: Water Activity Meter Setup and Operation

LAB-MTD-053: Determination of Moisture Content by Loss on Drying Technique using Vacuum

Oven

LAB-MTD-056: Determination of Moisture Content by Karl Fischer Titration

#### **Sample Appearance and Foreign Matter**

LAB-MTD-022: Sample Appearance and Detection of Foreign Matter Content in Cannabis Samples

#### **Total Ash Analysis**

LAB-MTD-043: Total Ash by Muffle Furnace in Cannabis Products

#### **Residual Solvents Analysis**

LAB-MTD-036: Determination of Residual Solvents in Cannabis Oil by GC-MS LAB-MTD-028: Determination of Residual Solvents in Tablet Samples by GC-MS LAB-MTD-034: Determination of Propane and Butane in Cannabis Oil by GC-MS

LAB-MTD-038: Determination of Toluene in Cannabis Isolate by GC-MS

LAB-MTD-054: Determination of Acetic Acid in Flavour, Cannabis Vape Mix Oil and Cannabis Infused Flower by GC-MS

#### **Heavy Metal Analysis**

LAB-MTD-027: Determination of Heavy Metals in Cannabis Samples (Cream/Topicals, Tablets and Edibles) by ICP-MS

LAB-MTD-050: Multi-Element Analysis of Cannabis Dried Flower, Fresh Flower, Extracts, and

Rolling Papers by ICP-MS

LAB-MTD-058: Determination of Palladium (Pd) in Cannabis Dried Flower, Fresh Flower and

Extracts by ICP-MS

#### pH Analysis

MIC-MTD-013: Determination of pH using pH Meter

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Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers

Authorized by:





HIGH NORTH ID: 00435219

Date: 2024-01-30

Certificate: 1706650812



High North Inc. 241 Hanlan Rd, Unit 7 Woodbridge, ON, L4L 3R7 1-416-864-6119 LIC-P4PNJMAC20-2022

Client: FINAL BELL Corp.

3-1100 Bennett Road,

Bowmanville, ON, L1C 0Y7

Name: Roland Law

647-968-8119

rlaw@finalbell.com

Product: Forbidden Fruit
Lot: FB01700-LL-1
Matrix: Concentrate
Sub-matrix: Live Rosin

Sampled: 2024-01-26 Received: 2024-01-26

# **Certificate of Analysis**

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC] Total CBD [(CBDA x 0.877) + CBD]			73.0280 BLQ	730.2796 BLQ
D9-THC	0.1	0.6	73.0280	730.2796
CBG	0.1	0.6	1.4357	14.3565
CBC	0.1	0.6	1.1759	11.7589
THCV	0.1	0.6	BLQ	BLQ
CBN	0.1	0.6	BLQ	BLQ
CBD	0.1	0.6	BLQ	BLQ
CBCA	0.1	0.6	ND	ND
THCA-A	0.1	0.6	ND	ND
D8-THC	0.1	0.6	ND	ND
CBCVA	0.1	0.6	ND	ND
THCVA	0.1	0.6	ND	ND
CBCV	0.1	0.6	ND	ND
CBGA	0.1	0.6	ND	ND
CBDA	0.1	0.6	ND	ND
CBDV	0.1	0.6	ND	ND
CBDVA	0.1	0.6	ND	ND
Total of all quantified cannabinoic	75.6396	756.3950		

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Trans-Caryophyllene	0.0008	0.025	1.5421
Farnesene*	0.0055	0.050	1.3650
Alpha-Humulene	0.0005	0.025	0.5299
Guaiol	0.0005	0.025	0.5080
Alpha-Bisabolol	0.0008	0.025	0.4763
Beta-Myrcene	0.0005	0.025	0.3155
Linalool	0.0007	0.025	0.2057
(R)-(+)-Limonene	0.0007	0.025	0.1763
trans-Nerolidol	0.0006	0.025	0.1412

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers

Authorized by:





High North ID: 00435219 Certificate: 1706650812



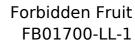
Caryophyllene oxide         0.0007         0.025         0.0700           Alpha-Terpineol         0.0008         0.025         0.0483           Beta-Pinene         0.0008         0.025         0.0369           Alpha-Pinene         0.0007         0.025         0.0369           (R)-Endo-(+)-Fenchyl Alcohol         0.0010         0.025         BLQ           Camphene         0.00017         0.025         BLQ           Terpinolene         0.0008         0.025         BLQ           Borneol         0.0007         0.025         BLQ           Fenchone         0.0008         0.025         BLQ           Alpha-Terpinene         0.0004         0.025         ND           Squalene         0.0029         0.050         ND           Notatione         0.0018         0.025         ND           Farmesol*         0.0016         0.025         ND           Hybtane </th <th>Terpene Analysis</th> <th>LOD (%)</th> <th>LOQ (%)</th> <th>wt%</th>	Terpene Analysis	LOD (%)	LOQ (%)	wt%
Beta-Pinene         0.0008         0.025         0.0431           Alpha-Pinene         0.0007         0.025         0.0369           (R)-Endo-(+)-Fenchyl Alcohol         0.0010         0.025         0.0286           Camphene         0.0001         0.025         BLQ           Terpinolene         0.0008         0.025         BLQ           Fenchone         0.0008         0.025         BLQ           Alpha-Terpinene         0.0004         0.025         BLQ           Squalene         0.0029         0.050         ND           Phytol*         0.0018         0.050         ND           Notkatone         0.018         0.025         ND           Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           4+)-Cedrol         0.0006         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           Eugenol         0.0015         0.025         ND           Alpha-Cedrene         0.0005         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0	Caryophyllene oxide	0.0007	0.025	0.0700
Alpha-Pinene   0.0007   0.025   0.0369   (R)-Endo-(+)-Fenchyl Alcohol   0.0010   0.025   0.0286   Camphene   0.00117   0.025   BLQ   Terpinolene   0.0008   0.025   BLQ   Borneol   0.0007   0.025   BLQ   Camphene   0.0008   0.025   BLQ   Camphene   0.0008   0.025   BLQ   Camphene   0.0008   0.025   BLQ   Camphene   0.0004   0.025   BLQ   Camphene   0.0004   0.025   BLQ   Camphene   0.0004   0.025   BLQ   Camphene   0.0009   0.050   ND   Camphene   0.0018   0.050   ND   Camphene   0.0018   0.050   ND   Camphene   0.0018   0.025   ND   Camphene   0.0016   0.050   ND   Camphene   0.0009   0.025   ND   Camphene   0.0006   0.025   ND   Camphene   0.0006   0.025   ND   Camphene   0.0005   0.025   ND   Camphene   0.0006   0.025   ND   Camphene   0.0007   0.025   ND   Camphene   0.0008   0.025   ND   Camphene   0.0009   0.025   ND   Camphene   0.00009   0.025   ND   Camphene   0.00009   0.025   ND   Camphene   0.00009	Alpha-Terpineol	0.0008	0.025	0.0483
(R)-Endo-(+)-Fenchyl Alcohol         0.0017         0.025         0.0286           Camphene         0.0017         0.025         BLQ           Borneol         0.0008         0.025         BLQ           Borneol         0.0008         0.025         BLQ           Fenchone         0.0008         0.025         BLQ           Alpha-Terpinene         0.0004         0.025         BLQ           Squalene         0.0029         0.050         ND           Phytol*         0.0018         0.050         ND           Nootkatone         0.0018         0.025         ND           Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0025         ND         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Chylperitone         0.0012         0.025	Beta-Pinene	0.0008	0.025	0.0431
Camphene         0.0017         0.025         BLQ           Terpinolene         0.0008         0.025         BLQ           Borneol         0.0007         0.025         BLQ           Fenchone         0.0008         0.025         BLQ           Alpha-Terpinene         0.0004         0.025         BLQ           Squalene         0.0029         0.550         ND           Phytol*         0.0018         0.050         ND           Nootkatone         0.0018         0.050         ND           Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Geranyl acetate         0.0006         0.025         ND           Geranyl acetate         0.0006         0.025         ND           Carvacrol         0.0009         0.025         ND           Hymol         0.0012         0.025         ND </td <td>Alpha-Pinene</td> <td>0.0007</td> <td>0.025</td> <td>0.0369</td>	Alpha-Pinene	0.0007	0.025	0.0369
Terpinolene	(R)-Endo-(+)-Fenchyl Alcohol	0.0010	0.025	0.0286
Borneol   0.0007   0.025   BLQ   Fenchone   0.0008   0.025   BLQ   Squalene   0.0004   0.025   BLQ   Squalene   0.0029   0.050   ND   ND   Phytol*   0.0018   0.050   ND   ND   Notkatone   0.0018   0.050   ND   ND   Phytol*   0.0016   0.050   ND   Phytane   0.0009   0.025   ND   Phytane   0.0009   0.025   ND   Phytane   0.0009   0.025   ND   Phytane   0.0006   0.025   ND   Phytane   0.0005   0.025   ND   Phytane   0.0006   0.025   ND   Phytane   0.0006   0.025   ND   Phytane   0.0009   0.025   ND   Phytane   0.0009   0.025   ND   Phytane   0.0009   0.025   ND   Phytane   0.0007   0.025   ND   Phytane   0.0017   0.025   ND   Phytane   0.0017   0.025   ND   Phytane   0.0007   0.025   ND   Phytane   0.0008   0.025   ND   Phytane   0.0009   0.025   ND   Phytane   0.0007   0.025   ND   Phyta	Camphene	0.0017	0.025	BLQ
Fenchone	Terpinolene	0.0008	0.025	BLQ
Alpha-Terpinene         0.0029         0.050         ND           Squalene         0.0029         0.050         ND           Phytol*         0.0018         0.050         ND           Nootkatone         0.0018         0.025         ND           Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           (+)-Cedrol         0.006         0.025         ND           cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025 <td>Borneol</td> <td>0.0007</td> <td>0.025</td> <td>BLQ</td>	Borneol	0.0007	0.025	BLQ
Squalene         0.0029         0.050         ND           Phytol*         0.0018         0.050         ND           Nootkatone         0.0018         0.025         ND           Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Carvone         0.0017         0.025         ND           Verbenone         0.0007         0.025	Fenchone	0.0008	0.025	BLQ
Phytol*         0.0018         0.050         ND           Nootkatone         0.0018         0.025         ND           Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           Garvacrol         0.0009         0.025         ND           Hymol         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Pulegone         0.0007         0.025         ND </td <td>Alpha-Terpinene</td> <td>0.0004</td> <td>0.025</td> <td>BLQ</td>	Alpha-Terpinene	0.0004	0.025	BLQ
Nootkatone         0.0018         0.025         ND           Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           lsobornyl Acetate         0.0018         0.025         ND           Caryane         0.0017         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007	Squalene	0.0029	0.050	ND
Farnesol*         0.0016         0.050         ND           Phytane         0.0009         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           G-Pujeritone         0.0017         0.025         ND           U-Piperitone         0.0017         0.025         ND           Verbenone         0.0007         0.025         ND           Verbeno	Phytol*	0.0018	0.050	ND
Phytane         0.0009         0.025         ND           (+)-Cedrol         0.0006         0.025         ND           cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Garvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           Isobornyl Acetate         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Citronellol         0.0008         0.025	Nootkatone	0.0018	0.025	ND
(+)-Cedrol         0.0006         0.025         ND           cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0017         0.025         ND           Isobornyl Acetate         0.0017         0.025         ND           Carvone         0.0017         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0025         ND           Safranal         0.0007         0.025         ND           Nerol         0.0010         0.025         ND           Octyl Acetate         0.0000         0.025 <td< td=""><td>Farnesol*</td><td>0.0016</td><td>0.050</td><td>ND</td></td<>	Farnesol*	0.0016	0.050	ND
cis-Nerolidol         0.0015         0.025         ND           Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0006         0.025	Phytane	0.0009	0.025	ND
Valencene         0.0005         0.025         ND           Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Camphor         0.0006         0.025 <t< td=""><td>(+)-Cedrol</td><td>0.0006</td><td>0.025</td><td>ND</td></t<>	(+)-Cedrol	0.0006	0.025	ND
Eugenol         0.0023         0.025         ND           Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Nerol         0.0010         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.001         0.025	cis-Nerolidol	0.0015	0.025	ND
Alpha-Cedrene         0.0006         0.025         ND           Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Isoborneol         0.006         0.025	Valencene	0.0005	0.025	ND
Geranyl acetate         0.0009         0.025         ND           Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.008         0.025         ND           Isoborneol         0.006         0.025	Eugenol	0.0023	0.025	ND
Carvacrol         0.0009         0.025         ND           Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025 </td <td>Alpha-Cedrene</td> <td>0.0006</td> <td>0.025</td> <td>ND</td>	Alpha-Cedrene	0.0006	0.025	ND
Thymol         0.0012         0.025         ND           d-Valerolactam (2-piperidone)         0.0012         0.025         ND           (-)-Piperitone         0.0017         0.025         ND           Isobornyl Acetate         0.0018         0.025         ND           Carvone         0.0007         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0005         0.02	Geranyl acetate	0.0009	0.025	ND
d-Valerolactam (2-piperidone)       0.0012       0.025       ND         (-)-Piperitone       0.0017       0.025       ND         Isobornyl Acetate       0.0018       0.025       ND         Carvone       0.0007       0.025       ND         Pulegone       0.0007       0.025       ND         Verbenone       0.0007       0.025       ND         Citral*       0.0021       0.025       ND         Geraniol       0.0007       0.025       ND         Safranal       0.0004       0.025       ND         Nerol       0.0010       0.025       ND         Citronellol       0.0008       0.025       ND         Octyl Acetate       0.0009       0.025       ND         Terpinen-4-ol       0.0010       0.025       ND         Camphor       0.0008       0.025       ND         Isoborneol       0.0006       0.025       ND         Menthol (Hexahydrothymol)       0.0010       0.025       ND         Menthone*       0.0007       0.025       ND         Isopulegol       0.0005       0.025       ND         Alpha-Thujone       0.0010       0.025       ND <td>Carvacrol</td> <td>0.0009</td> <td>0.025</td> <td>ND</td>	Carvacrol	0.0009	0.025	ND
(-)-Piperitone       0.0017       0.025       ND         Isobornyl Acetate       0.0018       0.025       ND         Carvone       0.0007       0.025       ND         Pulegone       0.0007       0.025       ND         Verbenone       0.0007       0.025       ND         Citral*       0.0021       0.025       ND         Geraniol       0.0007       0.025       ND         Safranal       0.0004       0.025       ND         Nerol       0.0010       0.025       ND         Citronellol       0.0008       0.025       ND         Octyl Acetate       0.0009       0.025       ND         Terpinen-4-ol       0.0010       0.025       ND         Camphor       0.0008       0.025       ND         Isoborneol       0.0006       0.025       ND         Menthol (Hexahydrothymol)       0.0010       0.025       ND         Menthone*       0.0007       0.025       ND         Isopulegol       0.0005       0.025       ND         Alpha-Thujone       0.0005       0.025       ND         Sabinene Hydrate       0.0010       0.025       ND	Thymol	0.0012	0.025	ND
Sobornyl Acetate   0.0018   0.025   ND	d-Valerolactam (2-piperidone)	0.0012	0.025	ND
Carvone         0.0007         0.025         ND           Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	(-)-Piperitone	0.0017	0.025	ND
Pulegone         0.0007         0.025         ND           Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Isobornyl Acetate	0.0018	0.025	ND
Verbenone         0.0007         0.025         ND           Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Carvone	0.0007	0.025	ND
Citral*         0.0021         0.025         ND           Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Pulegone	0.0007	0.025	ND
Geraniol         0.0007         0.025         ND           Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Verbenone	0.0007	0.025	ND
Safranal         0.0004         0.025         ND           Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Citral*	0.0021	0.025	ND
Nerol         0.0010         0.025         ND           Citronellol         0.0008         0.025         ND           Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Geraniol	0.0007	0.025	ND
Citronellol       0.0008       0.025       ND         Octyl Acetate       0.0009       0.025       ND         Terpinen-4-ol       0.0010       0.025       ND         Camphor       0.0008       0.025       ND         Isoborneol       0.0006       0.025       ND         Menthol (Hexahydrothymol)       0.0010       0.025       ND         Menthone*       0.0007       0.025       ND         Isopulegol       0.0007       0.025       ND         Alpha-Thujone       0.0005       0.025       ND         Sabinene Hydrate       0.0010       0.025       ND	Safranal	0.0004	0.025	ND
Octyl Acetate         0.0009         0.025         ND           Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Nerol	0.0010	0.025	ND
Terpinen-4-ol         0.0010         0.025         ND           Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Citronellol	0.0008	0.025	ND
Camphor         0.0008         0.025         ND           Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Octyl Acetate	0.0009	0.025	ND
Isoborneol         0.0006         0.025         ND           Menthol (Hexahydrothymol)         0.0010         0.025         ND           Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Terpinen-4-ol	0.0010	0.025	ND
Menthol (Hexahydrothymol)       0.0010       0.025       ND         Menthone*       0.0007       0.025       ND         Isopulegol       0.0007       0.025       ND         Alpha-Thujone       0.0005       0.025       ND         Sabinene Hydrate       0.0010       0.025       ND	Camphor	0.0008	0.025	ND
Menthone*         0.0007         0.025         ND           Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Isoborneol	0.0006	0.025	ND
Isopulegol         0.0007         0.025         ND           Alpha-Thujone         0.0005         0.025         ND           Sabinene Hydrate         0.0010         0.025         ND	Menthol (Hexahydrothymol)	0.0010	0.025	ND
Alpha-Thujone 0.0005 0.025 ND Sabinene Hydrate 0.0010 0.025 ND	Menthone*	0.0007	0.025	ND
Alpha-Thujone 0.0005 0.025 ND Sabinene Hydrate 0.0010 0.025 ND	Isopulegol	0.0007	0.025	ND
Sabinene Hydrate 0.0010 0.025 ND		0.0005		ND
•		0.0010	0.025	ND
•	Gamma-Terpinene	0.0007	0.025	ND

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers

Authorized by:







High North ID: 00435219 Certificate: 1706650812

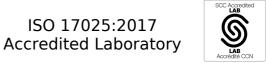


Terpene Analysis	LOD (%)	LOQ (%)	wt%
Eucalyptol	0.0006	0.025	ND
Cymene*	0.0006	0.025	ND
Ocimene	0.0005	0.025	ND
Alpha-Phellandrene	0.0010	0.025	ND
(1S)-3-Carene	0.0009	0.025	ND
Sabinene	0.0009	0.025	ND
Total of all quantified terpenes:			5.487

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers

Authorized by:





Forbidden Fruit FB01700-LL-1

High North ID: 00435219 Certificate: 1706650812



# **Details of Testing**

## **Cannabinoid Analysis**

LAB-MTD-020: Determination of 16 Cannabinoids in Cannabis Flowers, Extracts, Topicals, Tablets and Isolates by HPLC

LAB-MTD-039: Determination of 11 Cannabinoids in Cannabis Edibles by HPLC LAB-MTD-051: Assay of Cannabinoids in Cannabis Flower as per DAB by HPLC

LAB-MTD-052: Identification of CBD and THCA as per DAB by Thin-Layer Chromatography

### **Terpene Analysis**

LAB-MTD-044: Determination of Terpene Content in Cannabis Dried Flower, Fresh Flower and Extracts by GC-MS

## **Pesticide Analysis**

LAB-MTD-010: Determination of Health Canada Pesticide Residues and Toxins in Dried Cannabis Flower by LC-MS/MS and GC-MS/MS

LAB-MTD-040: Determination of EP 2.8.13 Pesticide Residues in Cannabis Extracts by GC-MS/MS LAB-MTD-041: Determination of EP 2.8.13/USP 561 Pesticide Residues in Cannabis Flower by GC-MS/MS and LC-MS/MS

LAB-MTD-046: Determination of Health Canada Pesticides and Toxins in Cannabis Extracts by LC-MS/MS

LAB-MTD-048: Determination of Health Canada Pesticide Residues and Toxins in Fresh Cannabis Flower by LC-MS/MS and GC-MS/MS

LAB-MTD-055: Determination of Israel Pesticide Residues in Dried/Fresh Cannabis by LC-MS/MS and GC-MS/MS

## **Mycotoxin Analysis**

LAB-MTD-010: Determination of Health Canada Pesticide Residues and Toxins in Dried Cannabis Flower by LC-MS/MS and GC-MS/MS

LAB-MTD-029: Determination of Toxins in Tablet Samples by LC-MS/MS

LAB-MTD-037: Determination of Mycotoxins in Topical/Cream Samples by LC-MS/MS

LAB-MTD-046: Determination of Health Canada Pesticides and Toxins in Cannabis Extracts by LC-MS/MS

LAB-MTD-048: Determination of Health Canada Pesticide Residues and Toxins in Fresh Cannabis Flower by LC-MS/MS and GC-MS/MS

#### Flavonoid Analysis

LAB-MTD-045: Determination of Flavonoids in Cannabis Dried Flower, Fresh Flower, and Extracts by LC-MS/MS

## Peroxide Value, p-Anisidine and Acidity (FFA) Analysis

LAB-MTD-049: Determination of Peroxide Value, p-Anisidine, and Acidity (FFA)

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Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, \* = Mixture of Isomers

Authorized by:





Forbidden Fruit FB01700-LL-1

High North ID: 00435219 Certificate: 1706650812



# **Details of Testing**

## **Microbial Analysis**

MIC-MTD-001: Microbial Analysis of Cannabis Flower and Oil by qPCR MIC-MTD-006: Determination of Viruses in Cannabis via qPCR and ELISA MIC-MTD-007: Microbial Analysis of Cannabis by Culture Techniques

MIC-MTD-009: Cannabis Gender Determination by qPCR

MIC-MTD-010: Identification A and Identification B of Cannabis by DAB Monograph MIC-MTD-011: Analysis of Shigella Species in Cannabis and Cannabis Infused Products

MIC-MTD-008: Analysis of Listeria Monocytogenes in Cannabis and Cannabis Infused Products

MIC-MTD-012: Microbial Analysis of Cannabis and Cannabis Infused Products by TEMPO

## **Moisture Analysis**

LAB-MTD-017: Determination of Moisture Content in Cannabis Flower

LAB-MTD-031: Water Activity Meter Setup and Operation

LAB-MTD-053: Determination of Moisture Content by Loss on Drying Technique using Vacuum

Oven

LAB-MTD-056: Determination of Moisture Content by Karl Fischer Titration

## **Sample Appearance and Foreign Matter**

LAB-MTD-022: Sample Appearance and Detection of Foreign Matter Content in Cannabis Samples

## **Total Ash Analysis**

LAB-MTD-043: Total Ash by Muffle Furnace in Cannabis Products

## Residual Solvents Analysis

LAB-MTD-036: Determination of Residual Solvents in Cannabis Oil by GC-MS LAB-MTD-028: Determination of Residual Solvents in Tablet Samples by GC-MS LAB-MTD-034: Determination of Propane and Butane in Cannabis Oil by GC-MS

LAB-MTD-038: Determination of Toluene in Cannabis Isolate by GC-MS

LAB-MTD-054: Determination of Acetic Acid in Flavour, Cannabis Vape Mix Oil and Cannabis Infused Flower by GC-MS

#### **Heavy Metal Analysis**

LAB-MTD-027: Determination of Heavy Metals in Cannabis Samples (Cream/Topicals, Tablets and Edibles) by ICP-MS

LAB-MTD-050: Multi-Element Analysis of Cannabis Dried Flower, Fresh Flower, Extracts, and Rolling Papers by ICP-MS

LAB-MTD-058: Determination of Palladium (Pd) in Cannabis Dried Flower, Fresh Flower and Extracts by ICP-MS

### **pH Analysis**

MIC-MTD-013: Determination of pH using pH Meter

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