HIGH NORTH ID: 00340674

Date: 2023-05-30

Certificate: 1685478731



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

Client: PINNRZ x Final Bell

3-1100 Bennett Road,

Bowmanville, ON, L1C 0Y7

Name: PINNRZ x Final Bell

6479688119

rlaw@finalbell.com

Product: Pinnrz Purple
Lot: BB00940-MC-1

Matrix: Flower

Sub-matrix: Milled Flower Sampled: 2023-05-26 Received: 2023-05-26

# **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]			9.022 5.062	90.219 50.621
THCA-A	0.0090	0.06	7.501	75.006
CBDA	0.0100	0.06	4.777	47.774
D9-THC	0.0093	0.06	2.444	24.439
CBD	0.0069	0.06	0.872	8.723
CBGA	0.0041	0.06	0.347	3.473
CBG	0.0094	0.06	0.116	1.163
CBC	0.0060	0.06	ND	ND
D8-THC	0.0137	0.06	ND	ND
CBN	0.0067	0.06	ND	ND
THCV	0.0093	0.06	ND	ND
CBDV	0.0090	0.06	ND	ND
Total of all quantified cannabinoi	16.058	160.578		
<b>Moisture Analysis</b> 6.74°	%			

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



# **Details of Testing**

# **Cannabinoid Analysis**

LAB-MTD-020: Determination of 11 Cannabinoids in Cannabis Flower (LOQ 0.06%), Fresh Flower (LOQ 0.015%), Oil (LOQ 0.03%) and Concentrates (LOQ 0.6%) by HPLC and UHPLC

LAB-MTD-021: Determination of Cannabinoids of Individually Isolated Sample by HPLC/UHPLC

LAB-MTD-023: Determination of 11 Cannabinoids in Cannabis Tablets and Granules (LOQ 0.025%) by HPLC/UHPLC

LAB-MTD-030: Determination of 11 Cannabinoids in Cannabis Topicals (LOQ 0.005%) by HPLC/UHPLC

LAB-MTD-039: Determination of 11 Cannabinoids in Cannabis Edibles; Liquid Edibles (LOQ 0.0005%) and Solid Edibles (LOQ 0.005%) by UHPLC

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 Pesticide and Mycotoxins in Cannabis by LC-MS/MS and GC-MS/MS LAB-MTD-040: Determination of EP Pesticide Residues in Cannabis Oil and Related Products by GC-MS/MS

LAB-MTD-041: Determination of EP Pesticide Residues in Cannabis Flower and Related Products by GC-MS/MS

LAB-MTD-046: Determination of Health Canada Pesticide Residues and Toxins in Cannabis Oil and Related Products 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

### **Mycotoxin Analysis**

LAB-MTD-010: Determination of Pesticide and Mycotoxins in Cannabis 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

# **Heavy Metal Analysis**

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

# Flavonoid Analysis

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

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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



# **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

# **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

# 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

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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



HIGH NORTH ID: 00386276

Date: 2023-09-26

Certificate: 1695744562



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

LIC-P4PNJMAC20-2022

Client: PINNRZ x Final Bell Product: Pinnrz Purple

3-1100 Bennett Road, Lot: BB00940-PR-1 Bowmanville , ON, L1C 0Y7 Matrix: Flower

Name: PINNRZ x Final Bell Sub-matrix: Pre-roll

6479688119 Sampled: 2023-09-22 rlaw@finalbell.com Received: 2023-09-22

# **Certificate of Analysis**

Foreign Matter Analysis None Detected

Microbial Analysis	LOD (CFU/g)	RL (CFU/g)	Result (CFU/g)
Salmonella E.coli			Absent in 25g Absent in 1g
Total Aerobic Count	12	500,000	< 12
Total Yeast and Mold Count Bile-Tolerant Gram-Negative	2 5	50,000 10,000	< 2 < 5

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



# **Details of Testing**

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

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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

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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

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# **Details of Testing**

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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

# **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

# Sample Appearance and Foreign Matter

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

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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

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

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

# **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

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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



# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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



**TO:**CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5

ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

hereinafter the "Recipient"

**CERTIFICATE OF ANALYSIS** PAGE: 1 / 1

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92035

**Results Authorized By:** 

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

# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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



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ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

hereinafter the "Recipient"

**CERTIFICATE OF ANALYSIS** PAGE: 1 / 1

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92044

**Results Authorized By:** 

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

# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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



**TO:**CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5

hereinafter the "Recipient"

ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

# **CERTIFICATE OF ANALYSIS**

PAGE:

1 /

**CATEGORY:**Potency PO#:1009-0309 **LAB NUMBER:**709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

**SAMPLE MATRIX:**Dried Cannabis **DATE SAMPLED:**2022-03-09 **DATE RECEIVED:**2022-03-11 **DATE REPORTED:**2022-03-18 **DATE PRINTED:**2022-03-29

Connecting and Durafile	RESULT		LOQ		METHOD DEFEDENCE
Cannabinoid Profile	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
CBC	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
CBCA	<loq< td=""><td><loq< td=""><td>0.33</td><td>3.3</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.33</td><td>3.3</td><td>ORG-M-071</td></loq<>	0.33	3.3	ORG-M-071
CBD	0.44	4.4	0.05	0.5	ORG-M-071
CBDA	6.46	64.6	0.05	0.5	ORG-M-071
CBDV	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
CBDVA	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
CBG	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
CBGA	0.16	1.6	0.05	0.5	ORG-M-071
CBL	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
CBN	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
CBNA	0.09	0.9	0.05	0.5	ORG-M-071
Delta 8-THC	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
THC	0.88	8.8	0.05	0.5	ORG-M-071
THCA	3.95	39.5	0.05	0.5	ORG-M-071
THCV	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
THCVA	<loq< td=""><td><loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<></td></loq<>	<loq< td=""><td>0.05</td><td>0.5</td><td>ORG-M-071</td></loq<>	0.05	0.5	ORG-M-071
Total CBD	6.11	61.1	0.05	0.5	ORG-M-071
Total THC	4.34	43.4	0.05	0.5	ORG-M-071

Tamana Caan	RE	RESULT		2	METUOD DEFENDA	
Terpenes Scan	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE	
#Total Terpenes	1.075	10.75	0.005	0.05	ORG-M-072	
alpha-Bisabolol	0.052	0.52	0.005	0.05	ORG-M-072	
Alpha-Cedrene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072	
alpha-Humulene	0.017	0.17	0.005	0.05	ORG-M-072	
alpha-Phellandrene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072	
alpha-Pinene	0.065	0.65	0.005	0.05	ORG-M-072	
alpha-Terpinene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072	

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92072

**Results Authorized By:** 

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

# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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



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ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

# **CERTIFICATE OF ANALYSIS**

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**CATEGORY:**Potency PO#:1009-0309 **LAB NUMBER:**709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

**SAMPLE MATRIX:**Dried Cannabis **DATE SAMPLED:**2022-03-09 **DATE RECEIVED:**2022-03-11 **DATE REPORTED:**2022-03-18 **DATE PRINTED:**2022-03-29

_	RESULT		LOQ		
Terpenes Scan	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
alpha-Terpineol	0.014	0.14	0.005	0.05	ORG-M-072
beta-Caryophyllene	0.062	0.62	0.005	0.05	ORG-M-072
beta-Myrcene	0.673	6.73	0.005	0.05	ORG-M-072
beta-Ocimene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
beta-Pinene	0.024	0.24	0.005	0.05	ORG-M-072
Borneol	<loq< td=""><td><loq< td=""><td>0.01</td><td>0.1</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.01</td><td>0.1</td><td>ORG-M-072</td></loq<>	0.01	0.1	ORG-M-072
Camphene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Camphor	<loq< td=""><td><loq< td=""><td>0.015</td><td>0.15</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.015</td><td>0.15</td><td>ORG-M-072</td></loq<>	0.015	0.15	ORG-M-072
Caryophyllene oxide	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Cedrol	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
cis-Nerolidol	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
d-Limonene	0.05	0.5	0.05	0.5	ORG-M-072
delta-3-Carene	<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
Eucalyptol	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Fenchol	0.014	0.14	0.005	0.05	ORG-M-072
Fenchone	<loq< td=""><td><loq< td=""><td>0.01</td><td>0.1</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.01</td><td>0.1</td><td>ORG-M-072</td></loq<>	0.01	0.1	ORG-M-072
gamma-Terpinene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Geraniol	<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
Geranyl acetate	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Guaiol	0.056	0.56	0.005	0.05	ORG-M-072
Isoborneol	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Isopulegol	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Linalool	0.033	0.33	0.005	0.05	ORG-M-072
Menthol	<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
Nerol	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
p-Cymene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Pulegone	<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
Sabinene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92072

**Results Authorized By:** 

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

Lab Director

A&L Canada Laboratories Inc. is accredited by the Standards Council of Canada for specific tests as listed on www.scc.ca and by the Canadian Association for Laboratory Accreditation as listed on www.cala.ca Additional information available upon request

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# A & L Canada Laboratories Inc.

ACCOUNT NUMBER 02677 2136 Jetstream Road, London, ON, N5V 3P5 Tel: (519) 457-2575 Fax: (519) 457-2664



TO:CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5 ATTN:Diane Lauzon, Mike Kroslak Phone:519-733-0300

hereinafter the "Recipient"

# CERTIFICATE OF ANALYSIS

PAGE:

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CATEGORY:Potency PO#:1009-0309 LAB NUMBER:709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

SAMPLE MATRIX:Dried Cannabis DATE SAMPLED:2022-03-09 DATE RECEIVED:2022-03-11 DATE REPORTED:2022-03-18 DATE PRINTED:2022-03-29

Tamana Can	RESULT		LOG	)	METHOD DEFENSE
Terpenes Scan	% w/w	mg/g	% w/w	mg/g	METHOD REFERENCE
Sabinene hydrate	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Terpinolene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
trans-Nerolidol	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072
Valencene	<loq< td=""><td><loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<></td></loq<>	<loq< td=""><td>0.005</td><td>0.05</td><td>ORG-M-072</td></loq<>	0.005	0.05	ORG-M-072

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22**070-**92**0**72

**Results Authorized By:** 

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

# A & L Canada Laboratories Inc.

ACCOUNT NUMBER 02677 2136 Jetstream Road, London, ON, N5V 3P5 Tel: (519) 457-2575 Fax: (519) 457-2664



TO:CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5

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**ATTN:**Diane Lauzon, Mike Kroslak **Phone:**519-733-0300

# CERTIFICATE OF ANALYSIS

PAGE:

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CATEGORY:Contamination PO#:1009-0309 LAB NUMBER:709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

SAMPLE MATRIX:Dried Cannabis DATE SAMPLED:2022-03-09 DATE RECEIVED:2022-03-11 DATE REPORTED:2022-03-18 DATE PRINTED:2022-03-29

OTTAIN.				DATE I MINIED. LOLL OF LO
Regulated Heavy Metals	RESULT	UNIT	LOQ	METHOD REFERENCE
Arsenic (As)	<loq< td=""><td>ppm</td><td>0.10</td><td>USP 233</td></loq<>	ppm	0.10	USP 233
Cadmium (Cd)	<loq< td=""><td>ppm</td><td>0.10</td><td>USP 233</td></loq<>	ppm	0.10	USP 233
Lead (Pb)	<loq< td=""><td>ppm</td><td>0.25</td><td>USP 233</td></loq<>	ppm	0.25	USP 233
Mercury (Hg)	<loq< td=""><td>ppm</td><td>0.05</td><td>USP 233</td></loq<>	ppm	0.05	USP 233
Aflatoxins	RESULT	UNIT	LOQ	METHOD REFERENCE
Aflatoxin B1	<loq< td=""><td>ppb</td><td>1</td><td>USP 561 (mod)</td></loq<>	ppb	1	USP 561 (mod)
Aflatoxin B2	<loq< td=""><td>ppb</td><td>1</td><td>USP 561 (mod)</td></loq<>	ppb	1	USP 561 (mod)
Aflatoxin G1	<loq< td=""><td>ppb</td><td>1</td><td>USP 561 (mod)</td></loq<>	ppb	1	USP 561 (mod)
Aflatoxin G2	<loq< td=""><td>ppb</td><td>1</td><td>USP 561 (mod)</td></loq<>	ppb	1	USP 561 (mod)
Total Aflatoxins	<loq< td=""><td>ppb</td><td>4</td><td>USP 561 (mod)</td></loq<>	ppb	4	USP 561 (mod)
Microbiological Scan	RESULT	UNIT	LOQ	METHOD REFERENCE
Bile-Tolerant Gram Negative Bacteria	<10	CFU/g	10	USP62/EP2.6.13
E. coli	Negative	P.A/g(ml)	1	USP62/EP2.6.13
Pseudomonas aeruginosa	Negative	P-A/g	1	USP62/EP2.6.13
Salmonella spp. for cannabis	Negative	P-A/25.0g	1 CFU	EP2.6.31
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	<100	CFU/g	100	USP61/EP2.6.12
Miscellaneous Tests	RESULT	UNIT	LOQ	METHOD REFERENCE
Moisture	10.1	%	0.1	USP 921 (Loss on Drying)
Visual Inspection	RESULT	AMOUNT IN	SPECTED (g)	METHOD REFERENCE
Foreign Matter	None Detected	10		USP 561/EP 2.8.2

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92072

**Results Authorized By:** 

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

# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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



**TO:**CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5

hereinafter the "Recipient"

ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

# **CERTIFICATE OF ANALYSIS**

PAGE:

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**CATEGORY:**Pesticides PO#:1009-0309 **LAB NUMBER:**709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

**SAMPLE MATRIX:**Dried Cannabis **DATE SAMPLED:**2022-03-09 **DATE RECEIVED:**2022-03-11 **DATE REPORTED:**2022-03-18 **DATE PRINTED:**2022-03-29

Abamectin <loq< th="">         ppm         0.02         0.1           Acephate         <loq< td="">         ppm         0.02         0.02           Acequinocyl         <loq< td="">         ppm         0.02         0.03           Acetamiprid         <loq< td="">         ppm         0.01         0.1           Aldicarb         <loq< td="">         ppm         0.02         1           Allethrin         <loq< td="">         ppm         0.05         0.2           Azadirachtin         <loq< td="">         ppm         0.1         1           Azoxystrobin         <loq< td="">         ppm         0.01         0.02           Benzovindiflupyr         <loq< td="">         ppm         0.01         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02           Carbaryl         <loq< td="">         ppm         0.05         0.05</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	ORG-M-051 ORG-M-051
Acequinocyl <loq< th="">         ppm         0.02         0.03           Acetamiprid         <loq< td="">         ppm         0.01         0.1           Aldicarb         <loq< td="">         ppm         0.02         1           Allethrin         <loq< td="">         ppm         0.05         0.2           Azadirachtin         <loq< td="">         ppm         0.1         1           Azoxystrobin         <loq< td="">         ppm         0.01         0.02           Benzovindiflupyr         <loq< td="">         ppm         0.02         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	
Acetamiprid <loq< th="">         ppm         0.01         0.1           Aldicarb         <loq< td="">         ppm         0.02         1           Allethrin         <loq< td="">         ppm         0.05         0.2           Azadirachtin         <loq< td="">         ppm         0.1         1           Azoxystrobin         <loq< td="">         ppm         0.01         0.02           Benzovindiflupyr         <loq< td="">         ppm         0.02         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	
Aldicarb <loq< th="">         ppm         0.02         1           Allethrin         <loq< td="">         ppm         0.05         0.2           Azadirachtin         <loq< td="">         ppm         0.1         1           Azoxystrobin         <loq< td="">         ppm         0.01         0.02           Benzovindiflupyr         <loq< td="">         ppm         0.02         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	ORG-M-051
Allethrin <loq< th="">         ppm         0.05         0.2           Azadirachtin         <loq< td="">         ppm         0.1         1           Azoxystrobin         <loq< td="">         ppm         0.01         0.02           Benzovindiflupyr         <loq< td="">         ppm         0.02         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	ORG-M-051
Azadirachtin <loq< th="">         ppm         0.1         1           Azoxystrobin         <loq< td="">         ppm         0.01         0.02           Benzovindiflupyr         <loq< td="">         ppm         0.02         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<></loq<></loq<></loq<>	ORG-M-051
Azoxystrobin <loq< th="">         ppm         0.01         0.02           Benzovindiflupyr         <loq< td="">         ppm         0.02         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<></loq<></loq<>	ORG-M-051
Benzovindiflupyr <loq< th="">         ppm         0.02         0.02           Bifenazate         <loq< td="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<></loq<>	ORG-M-051
Bifenazate <loq< th="">         ppm         0.01         0.02           Bifenthrin         <loq< td="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<></loq<>	ORG-M-051
Bifenthrin <loq< th="">         ppm         0.02         1           Boscalid         <loq< td="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<></loq<>	ORG-M-051
Boscalid <loq< th="">         ppm         0.02         0.02           Buprofezin         <loq< td="">         ppm         0.01         0.02</loq<></loq<>	ORG-M-051
Buprofezin <loq 0.01="" 0.02<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
	ORG-M-051
Carbaryl <loq 0.05="" 0.05<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
• 11	ORG-M-051
Carbofuran <loq 0.02="" 0.02<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Chlorantraniliprole <loq 0.01="" 0.02<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Chlorphenapyr <loq 0.02="" 0.05<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Chlorpyrifos <loq 0.02="" 0.04<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Clofentezine <loq 0.02="" 0.02<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Clothianidin <loq 0.05="" 0.05<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Coumaphos <loq 0.02="" 0.02<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Cyantraniliprole <loq 0.02="" 0.02<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Cyfluthrin <loq 0.05="" 0.2<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Cypermethrin <loq 0.05="" 0.3<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Cyprodinil <loq 0.02="" 0.25<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Daminozide <loq 0.05="" 0.1<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051
Deltamethrin <loq 0.05="" 0.5<="" ppm="" td=""><td>ORG-M-051</td></loq>	ORG-M-051

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92072

**Results Authorized By:** 

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

# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

# **CERTIFICATE OF ANALYSIS**

PAGE:

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**CATEGORY:**Pesticides PO#:1009-0309 **LAB NUMBER:**709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

**SAMPLE MATRIX:**Dried Cannabis **DATE SAMPLED:**2022-03-09 **DATE RECEIVED:**2022-03-11 **DATE REPORTED:**2022-03-18 **DATE PRINTED:**2022-03-29

Pesticide Scan	RESULT	UNIT	LOQ	HEALTH CANADA REPORTING LIMIT	METHOD REFERENCE
Diazinon	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Dichlorvos	<loq< td=""><td>ppm</td><td>0.1</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.1	0.1	ORG-M-051
Dimethoate	<loq< td=""><td>ppm</td><td>0.01</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.02	ORG-M-051
Dimethomorph	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Dinotefuran	<loq< td=""><td>ppm</td><td>0.1</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.1	0.1	ORG-M-051
Dodemorph	<loq< td=""><td>ppm</td><td>0.01</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.05	ORG-M-051
Endosulfan sulfate	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Endosulfan-alpha	<loq< td=""><td>ppm</td><td>0.02</td><td>0.2</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.2	ORG-M-051
Endosulfan-beta	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Ethoprophos	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Etofenprox	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Etoxazole	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Etridiazole	<loq< td=""><td>ppm</td><td>0.02</td><td>0.03</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.03	ORG-M-051
Fenoxycarb	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Fenpyroximate	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Fensulfothion	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Fenthion	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Fenvalerate	<loq< td=""><td>ppm</td><td>0.1</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.1	0.1	ORG-M-051
Fipronil	<loq< td=""><td>ppm</td><td>0.02</td><td>0.06</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.06	ORG-M-051
Flonicamid	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Fludioxonil	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Fluopyram	<loq< td=""><td>ppm</td><td>0.01</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.02	ORG-M-051
Hexythiazox	<loq< td=""><td>ppm</td><td>0.01</td><td>0.01</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.01	ORG-M-051
Imazalil	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Imidacloprid	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Iprodione	<loq< td=""><td>ppm</td><td>0.5</td><td>1</td><td>ORG-M-051</td></loq<>	ppm	0.5	1	ORG-M-051
Kinoprene	<loq< td=""><td>ppm</td><td>0.5</td><td>0.5</td><td>ORG-M-051</td></loq<>	ppm	0.5	0.5	ORG-M-051

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92072

**Results Authorized By:** 

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

Lab Director

A&L Canada Laboratories Inc. is accredited by the Standards Council of Canada for specific tests as listed on www.scc.ca and by the Canadian Association for Laboratory Accreditation as listed on www.cala.ca Additional information available upon request

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# A & L Canada Laboratories Inc.

ACCOUNT NUMBER 02677 2136 Jetstream Road, London, ON, N5V 3P5 Tel: (519) 457-2575 Fax: (519) 457-2664



TO:CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5

hereinafter the "Recipient"

**ATTN:**Diane Lauzon, Mike Kroslak **Phone:**519-733-0300

# **CERTIFICATE OF ANALYSIS**

PAGE:

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CATEGORY:Pesticides PO#:1009-0309 LAB NUMBER:709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

SAMPLE MATRIX:Dried Cannabis DATE SAMPLED:2022-03-09 DATE RECEIVED:2022-03-11 DATE REPORTED:2022-03-18

**DATE PRINTED:**2022-03-29

Pesticide Scan	RESULT	UNIT	LOQ	HEALTH CANADA REPORTING LIMIT	METHOD REFERENCE
Kresoxim-methyl	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Malathion	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Metalaxyl	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Methiocarb	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Methomyl	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Methoprene	<loq< td=""><td>ppm</td><td>0.1</td><td>2</td><td>ORG-M-051</td></loq<>	ppm	0.1	2	ORG-M-051
Mevinphos	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
MGK-264	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Myclobutanil	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Naled	<loq< td=""><td>ppm</td><td>0.05</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.1	ORG-M-051
Novaluron	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Oxamyl	<loq< td=""><td>ppm</td><td>0.1</td><td>3</td><td>ORG-M-051</td></loq<>	ppm	0.1	3	ORG-M-051
Paclobutrazol	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Parathion-methyl	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Permethrin	<loq< td=""><td>ppm</td><td>0.05</td><td>0.5</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.5	ORG-M-051
Phenothrin	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Phosmet	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Piperonyl Butoxide	<loq< td=""><td>ppm</td><td>0.02</td><td>0.2</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.2	ORG-M-051
Pirimicarb	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Prallethrin	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Propiconazole	<loq< td=""><td>ppm</td><td>0.02</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.1	ORG-M-051
Propoxur	<loq< td=""><td>ppm</td><td>0.01</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.02	ORG-M-051
Pyraclostrobin	<loq< td=""><td>ppm</td><td>0.01</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.02	ORG-M-051
Pyrethrins	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Pyridaben	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Quintozene	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Resmethrin	<loq< td=""><td>ppm</td><td>0.05</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.1	ORG-M-051

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92072

Results Authorized By:

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

# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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



**TO:**CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5

hereinafter the "Recipient"

ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

# **CERTIFICATE OF ANALYSIS**

PAGE:

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**CATEGORY:**Pesticides PO#:1009-0309 **LAB NUMBER:**709382

**SAMPLE ID:**PJB0000059 LOT0000534A

STRAIN:

**SAMPLE MATRIX:**Dried Cannabis **DATE SAMPLED:**2022-03-09 **DATE RECEIVED:**2022-03-11 **DATE REPORTED:**2022-03-18 **DATE PRINTED:**2022-03-29

Pesticide Scan	RESULT	UNIT	LOQ	HEALTH CANADA REPORTING LIMIT	METHOD REFERENCE
Spinetoram	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Spinosad	<loq< td=""><td>ppm</td><td>0.02</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.1	ORG-M-051
Spirodiclofen	<loq< td=""><td>ppm</td><td>0.05</td><td>0.25</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.25	ORG-M-051
Spiromesifen	<loq< td=""><td>ppm</td><td>0.1</td><td>3</td><td>ORG-M-051</td></loq<>	ppm	0.1	3	ORG-M-051
Spirotetramat	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Spiroxamine	<loq< td=""><td>ppm</td><td>0.02</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.1	ORG-M-051
Tebuconazole	<loq< td=""><td>ppm</td><td>0.02</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.05	ORG-M-051
Tebufenozide	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Teflubenzuron	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Tetrachlorvinphos	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Tetramethrin	<loq< td=""><td>ppm</td><td>0.1</td><td>0.1</td><td>ORG-M-051</td></loq<>	ppm	0.1	0.1	ORG-M-051
Thiacloprid	<loq< td=""><td>ppm</td><td>0.01</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.02	ORG-M-051
Thiamethoxam	<loq< td=""><td>ppm</td><td>0.02</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.02	0.02	ORG-M-051
Thiophanate-methyl	<loq< td=""><td>ppm</td><td>0.05</td><td>0.05</td><td>ORG-M-051</td></loq<>	ppm	0.05	0.05	ORG-M-051
Trifloxystrobin	<loq< td=""><td>ppm</td><td>0.01</td><td>0.02</td><td>ORG-M-051</td></loq<>	ppm	0.01	0.02	ORG-M-051

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22070-92072

**Results Authorized By:** 

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

# A & L Canada Laboratories Inc.

**ACCOUNT NUMBER** 02677

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



**TO:**CRONOS GROWING COMPANY 609 ROAD 3 E KINGSVILLE, ON N9Y 2E5

ATTN: Diane Lauzon, Mike Kroslak Phone:519-733-0300

hereinafter the "Recipient"

**CERTIFICATE OF ANALYSIS** PAGE: 1 / 1

LOQ - Limit of Quantification

The results of this report relate to the sample submitted and analyzed.

C22074-92050

**Results Authorized By:** 

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

HIGH NORTH ID: 00206464

Date: 2022-07-14

Certificate: 1657826286



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

Client: Seven Leaf Strain: Strawberry Diesel

603 Island Road, Lot: P21067

Akwesasne, ON, K6H 5R7 Matrix: Flower

Name: M Maresca Sub-matrix: Dried Flower 3152612210 Sampled: 2022-07-08 m.maresca@sevenleaf.ca Received: 2022-07-12

# **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]	0.000	0.00	16.297 0.053	162.966 0.53
THCA-A	0.0090	0.03	18.03	180.302
CBGA	0.0041	0.03	0.646	6.463
D9-THC	0.0093	0.03	0.484	4.841
CBG	0.0094	0.03	0.077	0.773
CBDA	0.0100	0.03	0.06	0.604
D8-THC	0.0137	0.03	ND	ND
CBC	0.0060	0.03	ND	ND
THCV	0.0093	0.03	ND	ND
CBN	0.0067	0.03	ND	ND
CBD	0.0069	0.03	ND	ND
CBDV	0.0090	0.03	ND	ND
Total of all quantified cannabinoid		19.298	192.983	

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Trans-Caryophyllene	0.0002	0.005	0.358
Farnesene*	0.0009	0.005	0.162
(R)-(+)-Limonene	0.0001	0.005	0.144
Alpha-Humulene	0.0010	0.005	0.141
Beta-Myrcene	0.0003	0.005	0.106
Linalool	0.0003	0.005	0.065
alpha-Bisabolol	0.0003	0.005	0.047
Caryophyllene oxide	0.0008	0.005	0.03
Terpineol*	0.0001	0.005	0.025
(R)-Endo-(+)-Fenchyl	0.0003	0.005	0.024
Beta-Pinene	0.0002	0.005	0.023

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



Terpene Analysis	LOD (%)	LOQ (%)	wt%	
Alpha-Pinene	0.0003	0.005	0.018	
trans-Nerolidol	0.0004	0.005	0.013	
Camphene	0.0002	0.005	0.006	
Terpinolene	0.0003	0.005	BLQ	
Fenchone*	0.0003	0.005	BLQ	
Phytol*	0.0013	0.010	ND	
(+)-Cedrol	0.0010	0.005	ND	
Guaiol	0.0003	0.005	ND	
cis-Nerolidol	0.0003	0.005	ND	
Valencene	0.0002	0.005	ND	
Eugenol	0.0004	0.010	ND	
Geranyl acetate	0.0002	0.005	ND	
Alpha-Cedrene	0.0002	0.005	ND	
Pulegone	0.0002	0.005	ND	
Nerol	0.0002	0.005	ND	
Geraniol	0.0007	0.005	ND	
Citronellol	0.0003	0.005	ND	
Isoborneol	0.0002	0.005	ND	
Camphor + Borneol*	0.0003	0.010	ND	
lsopulegol	0.0004	0.005	ND	
Hexahydrothymol	0.0005	0.005	ND	
Sabinene Hydrate	0.0001	0.005	ND	
Ocimene*	0.0004	0.005	ND	
Gamma-Terpinene	0.0003	0.005	ND	
p-Cymene	0.0003	0.005	ND	
Eucalyptol	0.0007	0.005	ND	
Alpha-Terpinene	0.0003	0.005	ND	
(1S)-3-Carene	0.0007	0.005	ND	
Alpha-Phellandrene	0.0002	0.005	ND	
Sabinene	0.0013	0.005	ND	
Total of all quantified ter	penes:		1.162	
Moisture Analysis	11.33%			

Foreign Matter Analysis None Detected

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



Mycotoxin Analysis	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	
Aflatoxin-B1	1.0	2	2	ND	PASS
Aflatoxin-B2	0.9	2		ND	PASS
Aflatoxin-G1	0.7	2		ND	PASS
Aflatoxin-G2	1.0	2		ND	PASS
Sum of Aflatoxins:			4	0	PASS
Ochratoxin-A	8.7	20	20	ND	PASS
Microbial Analysis			RL (CFU/g)	Result (CFU/g)	Status
Total Aerobic Count			100,000	ND	PASS
Total Yeast and Mold Count			1,000	9	PASS
Bile-Tolerant Gram-Negative			1,000	ND	PASS
Salmonella				Absent in 10g	PASS
E.coli				Absent in 10g	PASS
Heavy Metals Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.05	0.2	0.2	ND	PASS
Cadmium	0.01	0.05	0.3	ND	PASS
Lead	0.02	0.5	0.5	ND	PASS
Mercury	0.01	0.05	0.1	ND	PASS

Will Zhang, Quality Assurance Specialist

Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Abamectin	0.0057	0.1	0.1	ND	PASS
Acephate	0.0100	0.02	0.02	ND	PASS
Acequinocyl	0.0115	0.03	0.03	ND	PASS
Acetamiprid	0.0017	0.1	0.1	ND	PASS
Aldicarb	0.0442	1	1	ND	PASS
Allethrin	0.0314	0.2	0.2	ND	PASS
Azadirachtin	0.0729	1	1	ND	PASS
Azoxystrobin	0.0029	0.02	0.02	ND	PASS
Benzovindiflupyr	0.0038	0.02	0.02	ND	PASS
Bifenazate	0.0022	0.02	0.02	ND	PASS
Bifenthrin	0.0660	1	1	ND	PASS
Boscalid	0.0035	0.02	0.02	ND	PASS
Buprofezin	0.0014	0.02	0.02	ND	PASS
Carbaryl	0.0134	0.05	0.05	ND	PASS
Carbofuran	0.0018	0.02	0.02	ND	PASS
Chlorantraniliprole	0.0039	0.02	0.02	ND	PASS
Chlorfenapyr	0.0263	0.05	0.05	ND	PASS
Chlorpyrifos	0.0033	0.04	0.04	ND	PASS
Clofentezine	0.0022	0.02	0.02	ND	PASS
Clothianidin	0.0220	0.05	0.05	ND	PASS
Coumaphos	0.0038	0.02	0.02	ND	PASS
Cyantraniliprole	0.0032	0.02	0.02	ND	PASS
Cyfluthrin	0.0653	0.2	0.2	ND	PASS
Cypermethrin	0.1550	0.3	0.3	ND	PASS
Cyprodinil	0.0139	0.25	0.25	ND	PASS
Daminozide	0.0138	0.1	0.1	ND	PASS
Deltamethrin	0.0060	0.5	0.5	ND	PASS
Diazinon	0.0016	0.02	0.02	ND	PASS
Dichlorvos	0.0072	0.1	0.1	ND	PASS
Dimethoate	0.0053	0.02	0.02	ND	PASS
Dimethomorph	0.0023	0.05	0.05	ND	PASS
Dinotefuran	0.0076	0.1	0.1	ND	PASS
Dodemorph	0.0026	0.05	0.05	ND	PASS
Endosulfan-alpha	0.0357	0.2	0.2	ND	PASS
Endosulfan-beta	0.0173	0.05	0.05	ND	PASS
Endosulfan sulfate	0.0029	0.05	0.05	ND	PASS
Ethoprophos	0.0060	0.02	0.02	ND	PASS
Etofenprox	0.0059	0.05	0.05	ND	PASS
Etoxazole	0.0007	0.02	0.02	ND	PASS
Etridiazol	0.0036	0.03	0.03	ND	PASS
Fenoxycarb	0.0031	0.02	0.02	ND	PASS
Fenpyroximate	0.0008	0.02	0.02	ND	PASS
Fensulfothion	0.0046	0.02	0.02	ND	PASS



Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Fenthion	0.0085	0.02	0.02	ND	PASS
Fenvalerate	0.0767	0.1	0.1	ND	PASS
Fipronil	0.0013	0.06	0.06	ND	PASS
Flonicamid	0.0041	0.05	0.05	ND	PASS
Fludioxonil	0.0043	0.02	0.02	ND	PASS
Fluopyram	0.0014	0.02	0.02	ND	PASS
Hexythiazox	0.0016	0.01	0.01	ND	PASS
Imazalil	0.0060	0.05	0.05	ND	PASS
Imidacloprid	0.0018	0.02	0.02	ND	PASS
Iprodione	0.1217	1	1	ND	PASS
Kinoprene	0.1142	0.5	0.5	ND	PASS
Kresoxim-methyl	0.0069	0.02	0.02	ND	PASS
Malathion	0.0041	0.02	0.02	ND	PASS
Metalaxyl	0.0016	0.02	0.02	ND	PASS
Methiocarb	0.0027	0.02	0.02	ND	PASS
Methomyl	0.0093	0.05	0.05	ND	PASS
Methoprene	0.4544	2	2	ND	PASS
Mevinphos	0.0044	0.05	0.05	ND	PASS
MGK-264	0.0035	0.05	0.05	ND	PASS
Myclobutanil	0.0062	0.02	0.02	ND	PASS
Naled	0.0218	0.1	0.1	ND	PASS
Novaluron	0.0019	0.05	0.05	ND	PASS
Oxamyl	0.0123	3	3	ND	PASS
Paclobutrazol	0.0187	0.02	0.02	ND	PASS
Parathion-methyl	0.0312	0.05	0.05	ND	PASS
Permethrin	0.0609	0.5	0.5	ND	PASS
Phenothrin	0.0294	0.05	0.05	ND	PASS
Phosmet	0.0046	0.02	0.02	ND	PASS
Piperonyl butoxide	0.0010	0.2	0.2	ND	PASS
Pirimicarb	0.0020	0.02	0.02	ND	PASS
Prallethrin	0.0097	0.05	0.05	ND	PASS
Propiconazole	0.0687	0.1	0.1	ND	PASS
Propoxur	0.0035	0.02	0.02	ND	PASS
Pyraclostrobin	0.0020	0.02	0.02	ND	PASS
Pyrethrins	0.0135	0.05	0.05	ND	PASS
Pyridaben	0.0010	0.05	0.05	ND	PASS
Quintozene	0.0074	0.02	0.02	ND	PASS
Resmethrin	0.0090	0.1	0.1	ND	PASS
Spinetoram	0.0012	0.02	0.02	ND	PASS
Spinosad	0.0020	0.1	0.1	ND	PASS
Spirodiclofen	0.0140	0.25	0.25	ND	PASS
Spiromesifen	0.0025	3	3	ND	PASS
Spirotetramat	0.0027	0.02	0.02	ND	PASS



Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Spiroxamine	0.0013	0.1	0.1	ND	PASS
Tebuconazole	0.0020	0.05	0.05	ND	PASS
Tebufenozide	0.0021	0.02	0.02	ND	PASS
Teflubenzuron	0.0015	0.05	0.05	ND	PASS
Tetrachlorvinphos	0.0026	0.02	0.02	ND	PASS
Tetramethrin	0.0239	0.1	0.1	ND	PASS
Thiacloprid	0.0014	0.02	0.02	ND	PASS
Thiamethoxam	0.0076	0.02	0.02	ND	PASS
Thiophanate-methyl	0.0174	0.05	0.05	ND	PASS
Trifloxystrobin	0.0018	0.02	0.02	ND	PASS

Will Zhang, Quality Assurance Specialist

# **Details of Testing**

# **Cannabinoid Analysis**

Analysis of 11 Cannabinoids by HPLC & UHPLC

Method LAB-MTD-020: Flower (LOQ 0.06%), Oil (LOQ 0.03%), Concentrates (LOQ 0.6%)

Method LAB-MTD-021: Isolates (LOQ 0.06%)

Method LAB-MTD-023: Tablets & Granules (LOQ 0.025%)

Method LAB-MTD-030: Topicals (LOQ 0.005%)

Method LAB-MTD-039: Determination of 5 Cannabinoids in Cannabis Edibles; Liquid Edibles (LOQ

0.0002%) and Solid Edibles (LOQ 0.005%)

# **Terpene Analysis**

Profile of 42 terpenes by GC/MS

Method LAB-MTD-035: Cannabis Flower, Oil

# **Pesticide Analysis**

Determination of 96 Pesticide Residues by LC/MS/MS and GC/MS/MS

Method LAB-MTD-010: Cannabis Flower, Oil

Method LAB-MTD-040: Determination of EP Pesticide Residue in Cannabis Oil by GCMSMS

Method LAB-MTD-041: Determination of EP Pesticide Residues in Cannabis Flower and Related

Products by GCMSMS

# **Mycotoxin Analysis**

Determination of Aflatoxins B1, B2, G1, G2 and Ochratoxin-A by LC/MS/MS

Method LAB-MTD-010: Cannabis Flower, Oil

Method LAB-MTD-029: Tablets Method LAB-MTD-037: Topicals

#### **Heavy Metal Analysis**

Determination of Heavy Metal contamination (Arsenic, Cadmium, Lead & Mercury) by ICP/MS Method LAB-MTD-027: Cannabis Flower, Oil, Topicals, Tablets

#### **Residual Solvents Analysis**

Determination of 24 Residual Solvents by GC/MS

Method LAB-MTD-036: Cannabis Oil Method LAB-MTD-028: Tablets

#### **Determination of Butane and Propane Residual Solvents in Cannabis Oil**

Method LAB-MTD-034 (GC/MS): Cannabis Oil

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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



# **Details of Testing**

# Microbial Analysis, Powdery Mildew & Gender Determination

Molecular detection and quantitation by PCR & qPCR

Cannabis Flower, Oil, Cannabis-Infused Products

Method MIC-MTD-001 (TAMC, TYMC, BTGN, E.coli, Salmonella, Staph/Pseudomonas)

Method MIC-MTD-005: (Powdery Mildew & Gender Determination)

Method MIC-MTD-006: Determination of Viruses in Cannabis via qPCR and ELISA

# **Moisture Analysis**

Water Activity & Moisture Content (Loss on Drying) Method LAB-MTD-017 (Loss on Drying; Dry flower only) Method LAB-MTD-031 (Water activity, a,,)

# Foreign Matter Analysis

Visual/Magnified Inspection for Foreign Matter Method LAB-MTD-022

# **Total Ash Analysis**

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

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HIGH NORTH ID: 00185448

Date: 2022-05-26

Certificate: 1653602026



High North Inc. 241 Hanlan Rd, Unit 7 Woodbridge, ON, L4L 3R7 1-416-864-6119 LIC-P4PNJMAC20-2019

Client: WILL Cannabis Group Strain: Dosi-D

31 Hansen Road South, Lot: DD10WI22E241M

Brampton, ON, L6W 3H7 Matrix: Flower

Name: Enrico Mandarino Sub-matrix: Dried Flower 4164005190 Sampled: 2022-05-24

enrico.mandarino@mjardin.com Received: 2022-05-24

# **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]			23.580 0.055	235.803 0.546
THCA-A	0.0090	0.03	26.094	260.944
CBGA	0.0041	0.03	1.168	11.684
D9-THC	0.0093	0.03	0.696	6.955
CBG	0.0094	0.03	0.114	1.143
CBDA	0.0100	0.03	0.062	0.623
D8-THC	0.0137	0.03	ND	ND
CBC	0.0060	0.03	ND	ND
CBN	0.0067	0.03	ND	ND
CBD	0.0069	0.03	ND	ND
THCV	0.0093	0.03	ND	ND
CBDV	0.0090	0.03	ND	ND
Total of all quantified cannabinoids:			28.135	281.349

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Beta-Myrcene	0.0003	0.005	1.268
Trans-Caryophyllene	0.0002	0.005	0.316
(R)-(+)-Limonene	0.0001	0.005	0.274
Farnesene*	0.0009	0.005	0.244
alpha-Bisabolol	0.0003	0.005	0.113
Alpha-Humulene	0.0010	0.005	0.109
Linalool	0.0003	0.005	0.092
Guaiol	0.0003	0.005	0.056
Terpineol*	0.0001	0.005	0.036
Beta-Pinene	0.0002	0.005	0.036
(R)-Endo-(+)-Fenchyl	0.0003	0.005	0.024

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



Terpene Analysis	LOD (%)	LOQ (%)	wt%	
Caryophyllene oxide	0.0008	0.005	0.021	
Alpha-Pinene	0.0003	0.005	0.021	
Camphene	0.0002	0.005	0.006	
Terpinolene	0.0003	0.005	BLQ	
Fenchone*	0.0003	0.005	BLQ	
Phytol*	0.0013	0.010	ND	
(+)-Cedrol	0.0010	0.005	ND	
trans-Nerolidol	0.0004	0.005	ND	
Valencene	0.0002	0.005	ND	
cis-Nerolidol	0.0003	0.005	ND	
Eugenol	0.0004	0.010	ND	
Alpha-Cedrene	0.0002	0.005	ND	
Pulegone	0.0002	0.005	ND	
Geranyl acetate	0.0002	0.005	ND	
Nerol	0.0002	0.005	ND	
Geraniol	0.0007	0.005	ND	
Citronellol	0.0003	0.005	ND	
Camphor + Borneol*	0.0003	0.010	ND	
Hexahydrothymol	0.0005	0.005	ND	
Isoborneol	0.0002	0.005	ND	
Isopulegol	0.0004	0.005	ND	
Gamma-Terpinene	0.0003	0.005	ND	
Sabinene Hydrate	0.0001	0.005	ND	
Eucalyptol	0.0007	0.005	ND	
Ocimene*	0.0004	0.005	ND	
p-Cymene	0.0003	0.005	ND	
Alpha-Phellandrene	0.0002	0.005	ND	
Alpha-Terpinene	0.0003	0.005	ND	
(1S)-3-Carene	0.0007	0.005	ND	
Sabinene	0.0013	0.005	ND	
Total of all quantified terpe	enes:		2.616	
Moisture Analysis	10.99%			_

Foreign Matter Analysis None Detected

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



Mycotoxin Analysis	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	
Aflatoxin-B1	1.0	2	2	ND	PASS
Aflatoxin-B2	0.9	2		ND	PASS
Aflatoxin-G1	0.7	2		ND	PASS
Aflatoxin-G2	1.0	2		ND	PASS
Sum of Aflatoxins:			4	0	PASS
Ochratoxin-A	8.7	20	20	ND	PASS
Microbial Analysis			RL (CFU/g)	Result (CFU/g)	Status
Total Aerobic Count			100,000	ND	PASS
Total Yeast and Mold Count			1,000	ND	PASS
Bile-Tolerant Gram-Negative			1,000	ND	PASS
Salmonella				Absent in 10g	PASS
E.coli				Absent in 10g	PASS
Heavy Metals Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.05	0.2	0.2	ND	PASS
Cadmium	0.01	0.05	0.3	ND	PASS
Lead	0.02	0.5	0.5	ND	PASS
Mercury	0.01	0.05	0.1	ND	PASS

Will Zhang, Quality Assurance Specialist

Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Abamectin	0.0057	0.1	0.1	ND	PASS
Acephate	0.0100	0.02	0.02	ND	PASS
Acequinocyl	0.0115	0.03	0.03	ND	PASS
Acetamiprid	0.0017	0.1	0.1	ND	PASS
Aldicarb	0.0442	1	1	ND	PASS
Allethrin	0.0314	0.2	0.2	ND	PASS
Azadirachtin	0.0729	1	1	ND	PASS
Azoxystrobin	0.0029	0.02	0.02	ND	PASS
Benzovindiflupyr	0.0038	0.02	0.02	ND	PASS
Bifenazate	0.0022	0.02	0.02	ND	PASS
Bifenthrin	0.0660	1	1	ND	PASS
Boscalid	0.0035	0.02	0.02	ND	PASS
Buprofezin	0.0014	0.02	0.02	ND	PASS
Carbaryl	0.0134	0.05	0.05	ND	PASS
Carbofuran	0.0018	0.02	0.02	ND	PASS
Chlorantraniliprole	0.0039	0.02	0.02	ND	PASS
Chlorfenapyr	0.0263	0.05	0.05	ND	PASS
Chlorpyrifos	0.0033	0.04	0.04	ND	PASS
Clofentezine	0.0022	0.02	0.02	ND	PASS
Clothianidin	0.0220	0.05	0.05	ND	PASS
Coumaphos	0.0038	0.02	0.02	ND	PASS
Cyantraniliprole	0.0032	0.02	0.02	ND	PASS
Cyfluthrin	0.0653	0.2	0.2	ND	PASS
Cypermethrin	0.1550	0.3	0.3	ND	PASS
Cyprodinil	0.0139	0.25	0.25	ND	PASS
Daminozide	0.0138	0.1	0.1	ND	PASS
Deltamethrin	0.0060	0.5	0.5	ND	PASS
Diazinon	0.0016	0.02	0.02	ND	PASS
Dichlorvos	0.0072	0.1	0.1	ND	PASS
Dimethoate	0.0053	0.02	0.02	ND	PASS
Dimethomorph	0.0023	0.05	0.05	ND	PASS
Dinotefuran	0.0076	0.1	0.1	ND	PASS
Dodemorph	0.0026	0.05	0.05	ND	PASS
Endosulfan-alpha	0.0357	0.2	0.2	ND	PASS
Endosulfan-beta	0.0173	0.05	0.05	ND	PASS
Endosulfan sulfate	0.0029	0.05	0.05	ND	PASS
Ethoprophos	0.0060	0.02	0.02	ND	PASS
Etofenprox	0.0059	0.05	0.05	ND	PASS
Etoxazole	0.0007	0.02	0.02	ND	PASS
Etridiazol	0.0036	0.03	0.03	ND	PASS
Fenoxycarb	0.0031	0.02	0.02	ND	PASS
Fenpyroximate	0.0008	0.02	0.02	ND	PASS
Fensulfothion	0.0046	0.02	0.02	ND	PASS



Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Fenthion	0.0085	0.02	0.02	ND	PASS
Fenvalerate	0.0767	0.1	0.1	ND	PASS
Fipronil	0.0013	0.06	0.06	ND	PASS
Flonicamid	0.0041	0.05	0.05	ND	PASS
Fludioxonil	0.0043	0.02	0.02	ND	PASS
Fluopyram	0.0014	0.02	0.02	ND	PASS
Hexythiazox	0.0016	0.01	0.01	ND	PASS
Imazalil	0.0060	0.05	0.05	ND	PASS
Imidacloprid	0.0018	0.02	0.02	ND	PASS
Iprodione	0.1217	1	1	ND	PASS
Kinoprene	0.1142	0.5	0.5	ND	PASS
Kresoxim-methyl	0.0069	0.02	0.02	ND	PASS
Malathion	0.0041	0.02	0.02	ND	PASS
Metalaxyl	0.0016	0.02	0.02	ND	PASS
Methiocarb	0.0027	0.02	0.02	ND	PASS
Methomyl	0.0093	0.05	0.05	ND	PASS
Methoprene	0.4544	2	2	ND	PASS
Mevinphos	0.0044	0.05	0.05	ND	PASS
MGK-264	0.0035	0.05	0.05	ND	PASS
Myclobutanil	0.0062	0.02	0.02	ND	PASS
Naled	0.0218	0.1	0.1	ND	PASS
Novaluron	0.0019	0.05	0.05	ND	PASS
Oxamyl	0.0123	3	3	ND	PASS
Paclobutrazol	0.0187	0.02	0.02	ND	PASS
Parathion-methyl	0.0312	0.05	0.05	ND	PASS
Permethrin	0.0609	0.5	0.5	ND	PASS
Phenothrin	0.0294	0.05	0.05	ND	PASS
Phosmet	0.0046	0.02	0.02	ND	PASS
Piperonyl butoxide	0.0010	0.2	0.2	ND	PASS
Pirimicarb	0.0020	0.02	0.02	ND	PASS
Prallethrin	0.0097	0.05	0.05	ND	PASS
Propiconazole	0.0687	0.1	0.1	ND	PASS
Propoxur	0.0035	0.02	0.02	ND	PASS
Pyraclostrobin	0.0020	0.02	0.02	ND	PASS
Pyrethrins	0.0135	0.05	0.05	ND	PASS
Pyridaben	0.0010	0.05	0.05	ND	PASS
Quintozene	0.0074	0.02	0.02	ND	PASS
Resmethrin	0.0090	0.1	0.1	ND	PASS
Spinetoram	0.0012	0.02	0.02	ND	PASS
Spinosad	0.0020	0.1	0.1	ND	PASS
Spirodiclofen	0.0140	0.25	0.25	ND	PASS
Spiromesifen	0.0025	3	3	ND	PASS
Spirotetramat	0.0027	0.02	0.02	ND	PASS



Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Spiroxamine	0.0013	0.1	0.1	ND	PASS
Tebuconazole	0.0020	0.05	0.05	ND	PASS
Tebufenozide	0.0021	0.02	0.02	ND	PASS
Teflubenzuron	0.0015	0.05	0.05	ND	PASS
Tetrachlorvinphos	0.0026	0.02	0.02	ND	PASS
Tetramethrin	0.0239	0.1	0.1	ND	PASS
Thiacloprid	0.0014	0.02	0.02	ND	PASS
Thiamethoxam	0.0076	0.02	0.02	ND	PASS
Thiophanate-methyl	0.0174	0.05	0.05	ND	PASS
Trifloxystrobin	0.0018	0.02	0.02	ND	PASS

Will Zhang, Quality Assurance Specialist

# **Details of Testing**

# **Cannabinoid Analysis**

Analysis of 11 Cannabinoids by HPLC & UHPLC

Method LAB-MTD-020: Flower (LOQ 0.06%), Oil (LOQ 0.03%), Concentrates (LOQ 0.6%)

Method LAB-MTD-021: Isolates (LOQ 0.06%)

Method LAB-MTD-023: Tablets & Granules (LOQ 0.025%)

Method LAB-MTD-030: Topicals (LOQ 0.005%)

Method LAB-MTD-039: Determination of 5 Cannabinoids in Cannabis Edibles; Liquid Edibles (LOQ

0.0002%) and Solid Edibles (LOQ 0.005%)

# **Terpene Analysis**

Profile of 42 terpenes by GC/MS

Method LAB-MTD-035: Cannabis Flower, Oil

# **Pesticide Analysis**

Determination of 96 Pesticide Residues by LC/MS/MS and GC/MS/MS

Method LAB-MTD-010: Cannabis Flower, Oil

Method LAB-MTD-040: Determination of EP Pesticide Residue in Cannabis Oil by GCMSMS

Method LAB-MTD-041: Determination of EP Pesticide Residues in Cannabis Flower and Related

Products by GCMSMS

# **Mycotoxin Analysis**

Determination of Aflatoxins B1, B2, G1, G2 and Ochratoxin-A by LC/MS/MS

Method LAB-MTD-010: Cannabis Flower, Oil

Method LAB-MTD-029: Tablets Method LAB-MTD-037: Topicals

#### **Heavy Metal Analysis**

Determination of Heavy Metal contamination (Arsenic, Cadmium, Lead & Mercury) by ICP/MS Method LAB-MTD-027: Cannabis Flower, Oil, Topicals, Tablets

#### **Residual Solvents Analysis**

Determination of 24 Residual Solvents by GC/MS

Method LAB-MTD-036: Cannabis Oil Method LAB-MTD-028: Tablets

#### **Determination of Butane and Propane Residual Solvents in Cannabis Oil**

Method LAB-MTD-034 (GC/MS): Cannabis Oil

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# **Details of Testing**

# Microbial Analysis, Powdery Mildew & Gender Determination

Molecular detection and quantitation by PCR & qPCR

Cannabis Flower, Oil, Cannabis-Infused Products

Method MIC-MTD-001 (TAMC, TYMC, BTGN, E.coli, Salmonella, Staph/Pseudomonas)

Method MIC-MTD-005: (Powdery Mildew & Gender Determination)

Method MIC-MTD-006: Determination of Viruses in Cannabis via qPCR and ELISA

# **Moisture Analysis**

Water Activity & Moisture Content (Loss on Drying) Method LAB-MTD-017 (Loss on Drying; Dry flower only) Method LAB-MTD-031 (Water activity, a,,)

# Foreign Matter Analysis

Visual/Magnified Inspection for Foreign Matter Method LAB-MTD-022

# **Total Ash Analysis**

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

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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





#### **CERTIFICATE OF ANALYSIS**

Client information COA information

MJardin WILL Cannabis COA number 230418\_54575\_PAR15025

hansen road south COA Date **18-Apr-2023**Brampton, Canada, L6W3H7 Analysis Request ID **PAR15025** 

Sample information

Sample Name Dosi-D Sample Receiving Date 13-Apr-2023

Sample ID MJ0073 Receiving Temperature 20°C

Laboratory ID PAT46466

#### **Results information**

Analysis Date	Test	Method Ref.	Results	Units
17-Apr-2023	Moisture	PAT-AM-023(USP <731>)	11.88	%

Authorized by: Laboratory Manager Signature:

# BA

### **Details of testing**

- 1. Results only apply to the items tested and to the sample(s) as received.
- 2. This report may not be distributed or reproduced except in full.



This COA can be verified by scanning the QR code



Sample Name Dosi-D Sample Receiving Date 13-Apr-2023

Sample ID MJ0073 Receiving Temperature 20°C

Laboratory ID PAT46466 Analysis Date 17-Apr-2023

Method Ref. PAT-AM-019

#### **Cannabinoids Profile**

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
CBC	0.047	0.470	0.010
CBD	<0.010	<0.100	0.010
CBDA	0.070	0.700	0.010
CBDV	0.022	0.220	0.010
CBG	0.131	1.310	0.010
CBGA	0.925	9.250	0.010
CBN	0.077	0.770	0.010
D8-THC	<0.010	<0.100	0.010
D9-THC	4.210	42.100	0.010
THCA-A	24.628	246.280	0.010
THCV	0.052	0.520	0.010
Total THC	25.809	258.088	
Total CBD	0.061	0.614	

**25.809%**Total THC

**0.061%**Total CBD

Total THC = THC + (THCA\*0.877), Total CBD = CBD + (CBDA\*0.877)

Total THC/CBD is calculated using the formulas to take into account the loss of carboxyl group during decarboxylation step.

Authorized by: Laboratory Manager

Signature:



# **Details of testing**

- 1. LOQ- Limit of quantification
- 2. % w/w: percent (weight of analyte/ weight of product)
- 3. Results only apply to the items tested and to the sample(s) as received.
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Sample Name Dosi-D Sample Receiving Date 13-Apr-2023

Sample ID MJ0073 Receiving Temperature 20°C

Laboratory ID PAT46466 Analysis Date 18-Apr-2023

Method Ref. PAT-AM-022

# **Terpenes Profile**

Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
Beta-Myrcene	0.465	4.650	0.001
oeta-Caryophyllene	0.236	2.360	0.001
d-Limonene	0.208	2.080	0.001
Linalool	0.140	1.400	0.001
alpha-Humulene	0.089	0.890	0.001
(-)-alpha-Bisabolol	0.053	0.530	0.001
(-)-Guaiol	0.053	0.530	0.001
alpha-Terpineol	0.036	0.360	0.001
1R-endo-Fenchyl-Alcohol	0.035	0.350	0.001
trans-beta-Farnesene	0.030	0.300	0.001
Valencene	0.026	0.260	0.001
Beta-Pinene	0.024	0.240	0.001
Alpha-Pinene	0.020	0.200	0.001
Terpinen-4-ol	0.007	0.070	0.001
Terpinolene	0.006	0.060	0.001
Camphene	0.005	0.050	0.001
Squalene	0.005	0.050	0.001
Farnesol 1	0.004	0.040	0.001
1,8-Cineole (Eucalyptol)	0.003	0.030	0.001
Cedrol	0.003	0.030	0.001
Phytane	0.002	0.020	0.001
-)-Isopulegol	<0.001	<0.010	0.001
alpha-Cedrene	<0.001	<0.010	0.001
Alpha-Terpinene	<0.001	<0.010	0.001
Borneol	<0.001	<0.010	0.001
Carvacrol	<0.001	<0.010	0.001
cis-beta-Ocimene	<0.001	<0.010	0.001
cis-Nerolidol	<0.001	<0.010	0.001
Citronellol	<0.001	<0.010	0.001
Delta-3-Carene	0.001	0.010	0.001
Farnesol 2	<0.001	<0.010	0.001
gamma-Terpinene	<0.001	<0.010	0.001
Geraniol	<0.001	<0.010	0.001
soborneol	<0.001	<0.010	0.001
Menthol	<0.001	<0.010	0.001
n-Isopropyltoluene	<0.001	<0.010	0.001
Nerol	<0.001	<0.010	0.001
o-Isopropyltoluene	<0.001	<0.010	0.001
p-Isopropyltoluene (p- Cymene)	<0.001	<0.010	0.001
Sabinene	<0.001	<0.010	0.001





Compounds	Results (%w/w)	Results (mg/g)	LOQ(%)
Sabinene hydrate	<0.001	<0.010	0.001
Thymol	<0.001	<0.010	0.001
trans-beta-ocimene	<0.001	<0.010	0.001
trans-Nerolidol	<0.001	<0.010	0.001
Total Terpenes	1.451	14.510	

Authorized by: Laboratory Manager

Signature:

# B

### **Details of testing**

- 1. LOQ- Limit of quantification
- 2. % w/w: percent (weight of analyte/ weight of product)
- 3. Results only apply to the items tested and to the sample(s) as received.
- 4. This report may not be distributed or reproduced except in full



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### **CERTIFICATE OF ANALYSIS**

# **Client information**

#### **COA** information

MJardin WILL Cannabis COA number 230418\_54600\_PAR15025

hansen road south COA Date **18-Apr-2023**Brampton, Canada, L6W3H7 Analysis Request ID **PAR15025** 

# **Sample information**

Sample Name Dosi-D Sample Receiving Date 13-Apr-2023

Sample ID MJ0073 Receiving Temperature 20°C

Laboratory ID PAT46466

#### **Results information**

Analysis Date	Test	Method Ref.	Results	Units	Specifications (EP 5.1.8. Microbiology)
18-Apr-2023	Yeast and Mold Count	PAT-AM-002	<100	CFU/g	<50000
18-Apr-2023	Bile-Tolerant Gram Negative Bacteria	PAT-AM-002	<100	CFU/g	<1000
18-Apr-2023	Escherichia coli	PAT-AM-003	Negative	/10g	Negative
18-Apr-2023	Salmonella spp.	PAT-AM-004	Negative	/25g	Negative
18-Apr-2023	Aerobic Microbial	PAT-AM-002	<100	CFU/g	<100000

Authorized by: Laboratory Manager

Signature:

# **Details of testing**

- 1. Results only apply to the items tested and to the sample(s) as received.
- 2. This report may not be distributed or reproduced except in full.



This COA can be verified by scanning the QR code

18-Apr-2023



### **CERTIFICATE OF ANALYSIS**

Client information		COA information	
MJardin WILL C	annabis	COA number 230419_54	653_PAR15025
hansen road sout	h	COA Date 19-Apr-202	3
Brampton, Canad	la, L6W3H7	Analysis Request ID PAR15025	
Sample infor	mation		
Sample Name	Dosi-D	Sample Receiving Date 13-Apr-20	23
Sample ID	MJ0073	Receiving Temperature 20°C	

#### **Results Information**

PAT46466

PAT-AM-024

Laboratory ID

Method Ref.

Aflatoxins	Results	Unit	LOQ
Aflatoxin B1	<0.002	ppm	0.002
Aflatoxin B2	<0.002	ppm	0.002
Aflatoxin G1	<0.002	ppm	0.002
Aflatoxin G2	<0.002	ppm	0.002
Total Aflatoxins (B1,B2,G1,G2)	<0.002	ppm	0.002

Authorized by: Laboratory Manager

Signature:

Analysis Date

### **Details of testing**

- 1. LOQ- Limit of quantification
- 2. Results only apply to the items tested and to the sample(s) as received.
- 3. This report may not be distributed or reproduced except in full.



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Sample Name Dosi-D Sample Receiving Date 13-Apr-2023

Sample ID MJ0073 Receiving Temperature 20°C

Laboratory ID PAT46466 Analysis Date 18-Apr-2023

Method Ref. PAT-AM-020 (USP 233 Modified)

#### **Results Information**

Heavy Metals	Results	Unit	LOQ	Specification
Arsenic	<0.025	ppm	0.025	< 0.2ppm
Cadmium	<0.020	ppm	0.02	< 0.3ppm
Lead	<0.010	ppm	0.01	< 0.5ppm
Mercury	0.009	ppm	0.005	< 0.1ppm

Authorized by: Laboratory Manager

Signature: USListing

#### **Details of testing**

- 1. LOQ- Limit of quantification
- 2. Results only apply to the items tested and to the sample(s) as received.
- 3. This report may not be distributed or reproduced except in full.



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Sample Name Dosi-D Sample Receiving Date 13-Apr-2023

Sample ID MJ0073 Receiving Temperature 20°C

Laboratory ID PAT46466 Analysis Date 19-Apr-2023

Method Ref. PAT-AM-026(USP <561>)

#### **Results Information**

Foreign Material	Results	Unit	LOQ
Foreign elements	0	/g	N/A
Foreign organs	0	/g	N/A
Other Foreign elements	0	/g	N/A
Total Foreign matter	0	/g	N/A

Authorized by: Laboratory Manager

Signature: UShaTun

#### **Details of testing**

- 1. LOQ- Limit of quantification
- 2. Results only apply to the items tested and to the sample(s) as received.
- 3. This report may not be distributed or reproduced except in full.



This COA can be verified by scanning the QR code



Sample Name Dosi-D Sample Receiving Date 13-Apr-2023

Sample ID MJ0073 Receiving Temperature 20°C

Laboratory ID PAT46466 Analysis Date 18-Apr-2023

Method Ref. PAT-AM-024

### **Pesticides Dried Cannabis Results Information**

Compound Detected Results (ppm) RDL

No Compounds Detected

Compounds Not Detected	Results (ppm)	RDL
Abamectin	ND	0.02
Acephate	ND	0.02
Acequinocyl	ND	0.02
Acetamiprid	ND	0.02
Aldicarb	ND	0.02
Allethrin	ND	0.02
Azadirachtin	ND	0.02
Azoxystrobin	ND	0.01
Benzovindiflupyr	ND	0.01
Bifenazate	ND	0.02
Bifenthrin	ND	0.02
Boscalid	ND	0.01
Buprofezin	ND	0.01
Carbaryl	ND	0.02
Carbofuran	ND	0.01
Chlorantraniliprole	ND	0.01
Chlorphenapyr	ND	0.05
Chlorpyrifos	ND	0.01
Clofentezine	ND	0.01
Clothianidin	ND	0.02
Coumaphos	ND	0.01
Cyantraniliprole	ND	0.01
Cyfluthrin	ND	0.1
Cypermethrin	ND	0.02
Cyprodinil	ND	0.02
Daminozide	ND	0.05
Deltamethrin	ND	0.02
Diazinon	ND	0.01
Dichlorvos	ND	0.02
Dimethoate	ND	0.01
Dimethomorph	ND	0.02
Dinotefuran	ND	0.02
Dodemorph	ND	0.02
Endosulfan sulfate	ND	0.02
Endosulfan-alpha	ND	0.1
Endosulfan-beta	ND	0.01
Ethoprophos	ND	0.01
Etofenprox	ND	0.01



Elosacele         ND         0.01           Erionizacele         ND         0.01           Fenoxycarb         ND         0.02           Fensultothion         ND         0.01           Fensultothion         ND         0.01           Fenthion         ND         0.05           Filorial         ND         0.05           Filorial         ND         0.01           Fluorianid         ND         0.01           Fluorianid         ND         0.01           Fluoryam         ND         0.01           Fluoryama         ND         0.01           Imazalil         ND         0.01           Imazalil         ND         0.01           Imazalil         ND         0.01           Imidacloprid         ND         0.05           Kresoxim-methyl         ND         0.05           Kresoxim-methyl         ND         0.01           Methalaxyl         ND         0.01           Methopren         ND         0.02           Methoprene         ND         0.02           Methoprene         ND         0.02           Mevulphos         ND         0.02     <	Compounds Not Detected	Results (ppm)	RDL
Fenoxycard         ND         0.01           Fensurboriomate         ND         0.02           Fensulothion         ND         0.01           Fenthion         ND         0.01           Fernalea         ND         0.05           Filpronil         ND         0.01           Filpronil         ND         0.01           Filoricamid         ND         0.01           Filudoxili         ND         0.01           Hewythiazox         ND         0.01           Hespythiazox         ND         0.01           Imazali         ND         0.01           Imidacloprid         ND         0.01           Imidacloprid         ND         0.01           Imidacloprid         ND         0.01           Kinoprene         ND         0.05           Kinoprene         ND         0.01           Methodulari         ND         0.01           Methoprene         ND         0.02           Methoprene         ND         0.02           Mevilyabe         ND         0.02           Mevilyabe         ND         0.02           Mevilyabe         ND         0.02	Etoxazole	ND	0.01
Fenpyroximate         ND         0.02           Fenstlothon         ND         0.01           Fenthon         ND         0.01           Fenvalerate         ND         0.05           Fipronil         ND         0.01           Floricamid         ND         0.02           Fludioxonil         ND         0.01           Fludioxonil         ND         0.01           Hexythiazox         ND         0.01           Imazalli         ND         0.01           Imazalli         ND         0.01           Imazalli         ND         0.01           Imazalidoprid         ND         0.01           Imazalidoprid         ND         0.01           Imazalidoprid         ND         0.01           Kresoxim-methyl         ND         0.05           Kresoxim-methyl         ND         0.01           Methicard         ND         0.01           Methicard         ND         0.02           Methoprene         ND         0.02           Mevilynbos         ND         0.02           Mevilynbos         ND         0.02           Mobilyation         ND         0.	Etridiazole	ND	0.01
Fensilothion         ND         0.01           Fenthion         ND         0.01           Fenvalerate         ND         0.05           Fipronil         ND         0.02           Fipronil         ND         0.02           Fludoxonil         ND         0.02           Fludoyram         ND         0.01           Hexythiazox         ND         0.01           Imazali         ND         0.01           Imidacloprid         ND         0.01           Imidacloprid         ND         0.01           Kingorene         ND         0.05           Kingorime         ND         0.01           Metalaxyl         ND         0.01           Metalaxyl         ND         0.01           Methopre         ND         0.02           Methopre         ND         0.02           Methopre         ND         0.02           McK-264         ND         0.02           McK-264         ND         0.02           Movaluron         ND         0.02           Paraelbins-methyl         ND         0.02           Permethin         ND         0.02	Fenoxycarb	ND	0.01
Fernilion         ND         0.05           Fernilarea         ND         0.05           Epiproli         ND         0.01           Fluoricamid         ND         0.02           Fluidoxoril         ND         0.01           Fluopyram         ND         0.01           Hesythiax         ND         0.01           Imazali         ND         0.01           Imidaclopid         ND         0.01           Irridaclopid         ND         0.01           Igrodione         ND         0.05           Kinoprene         ND         0.01           Mersoxim-methyl         ND         0.01           Metalaxyl         ND         0.01           Methopath         ND         0.02           Methopath         ND         0.02           Methopath         ND         0.02           McCa284         ND         0.02           Molosuluron         ND         0.02           Novaluron         ND         0.02           Parabition-methyl         ND         0.02           Permethin         ND         0.02           Permethin         ND         0.02	Fenpyroximate	ND	0.02
Ferovalerate         ND         0.05           Fipronal         ND         0.01           Fibronicamid         ND         0.02           Fludioxonil         ND         0.01           Fludioxonil         ND         0.01           Hexythizox         ND         0.01           Imaxalil         ND         0.01           Imaxalil         ND         0.01           Imakalidoprid         ND         0.05           Kinoprene         ND         0.05           Kinoprene         ND         0.01           Messaxyl         ND         0.01           Methathion         ND         0.01           Methoprene         ND         0.02           Mevinphes         ND         0.02           Mevinphes         ND         0.02           Mevinphes         ND         0.02           Mosercate         ND         0.02           Oxamyl         ND         0.02 <t< td=""><td>Fensulfothion</td><td>ND</td><td>0.01</td></t<>	Fensulfothion	ND	0.01
Fignoil         ND         0.02           Fludioxonil         ND         0.02           Fludioxonil         ND         0.01           Fludoyam         ND         0.01           Hexythiazox         ND         0.01           Imazall         ND         0.01           Imidacloprid         ND         0.01           Igrodione         ND         0.05           Kinoprene         ND         0.01           Kinoprene         ND         0.01           Metalaxyl         ND         0.01           Metalaxyl         ND         0.01           Methomyl         ND         0.02           Methoprene         ND         0.02           Methoprene         ND         0.02           Methogram         ND         0.02           Methogram         ND         0.02           McWorlphos         ND         0.02	Fenthion	ND	0.01
Flonicamid         ND         0.02           Fludopyram         ND         0.01           Hexythiazox         ND         0.01           Imazalil         ND         0.01           Imazalil         ND         0.01           Imidacloprid         ND         0.01           Igrodione         ND         0.05           Krisoprae         ND         0.05           Kresoxim-methyl         ND         0.01           Malathion         ND         0.01           Metalaxyl         ND         0.01           Metalaxyl         ND         0.02           Methoprene         ND         0.02           Methoprene         ND         0.02           Methoprene         ND         0.02           Mevinphos         ND         0.02           Mecvaluati         ND         0.02           Mecvaluati         ND         0.02           Moleculation         ND         0.02           Moleculation         ND         0.02           Novaluron         ND         0.02           Permethrin         ND         0.02           Permethrin         ND         0.02 </td <td>Fenvalerate</td> <td>ND</td> <td>0.05</td>	Fenvalerate	ND	0.05
Fludioxonil         ND         0.01           Fluopyram         ND         0.01           Hexythiazox         ND         0.01           Imazalil         ND         0.01           Imidacloprid         ND         0.01           Iprodione         ND         0.05           Kinoprene         ND         0.05           Kinoprene         ND         0.01           Malathion         ND         0.01           Metalaxyl         ND         0.01           Methoryl         ND         0.01           Methoryl         ND         0.02           Methoryne         ND         0.02           Methoryne         ND         0.02           Methoprene         ND         0.02           Mechoprene         ND         0.02           Molotutail         ND         0.02           Novaluron         ND         0.02           Parametria         ND         0.02	Fipronil	ND	0.01
Fluopyram         ND         0.01           Hexythizacx         ND         0.01           Imazalil         ND         0.01           Imidacloprid         ND         0.01           Iprodicine         ND         0.5           Kinoprene         ND         0.05           Kresoxim-methyl         ND         0.01           Metalaxyl         ND         0.01           Methograph         ND         0.02           Methoprene         ND         0.02           Movilians         ND         0.02           Methoprene         ND         0.02           Movilians         ND         0.02           Oxamyl         ND         0.02           Permethin         ND         0.02           Permethin         ND         0.02	Flonicamid	ND	0.02
Hexythiazox         ND         0.01           Imazalil         ND         0.01           Imidaclorid         ND         0.01           Imrodione         ND         0.5           Kinoprene         ND         0.05           Kresoxim-methyl         ND         0.01           Malation         ND         0.01           Metalaxyl         ND         0.01           Methiocarb         ND         0.02           Methomyl         ND         0.02           Methoprene         ND         0.02           Methoprene         ND         0.02           Meyclobutanil         ND         0.02           MgK-264         ND         0.02           Myclobutanil         ND         0.02           Novaluron         ND         0.02           Paciformyl         ND         0.02           Parathiramethyl         ND         0.02           Permethrin         ND         0.1           Phometh         ND         0.01           Piperonyl butxide         ND         0.02           Pirimicarb         ND         0.01           Propoxur         ND         0.01	Fludioxonil	ND	0.01
Imazalil         ND         0.01           Imidacloprid         ND         0.01           Iprodione         ND         0.5           Kinoprene         ND         0.05           Kresoxim-methyl         ND         0.01           Malathion         ND         0.01           Metalaxyl         ND         0.01           Methoreh         ND         0.01           Methomyl         ND         0.02           Methoprene         ND         0.02           Movilion         ND         0.02           Novaluron         ND         0.02           Pack         Pack         ND         0.02           Permethin         ND         0.02           Permethin         ND         0.02           Phosent         ND         0.02	Fluopyram	ND	0.01
Indidactoprid         ND         0.5           Irpodione         ND         0.5           Kinoprene         ND         0.05           Kresoxim-methyl         ND         0.01           Metalaxyl         ND         0.01           Metalaxyl         ND         0.01           Methograph         ND         0.02           Methoprine         ND         0.02           Methoprene         ND         0.02           Moveliphos         ND         0.02           McK-264         ND         0.02           Moleck-284         ND         0.02           Pacilobutarion         ND         0.02           Pacilobutazol         ND         0.02           Permethrin         ND         0.02           Pinosmet         ND         0.02	Hexythiazox	ND	0.01
Iprodione         ND         0.5           Kinoprene         ND         0.05           Kresoxim-methyl         ND         0.01           Malathion         ND         0.01           Metalaxyl         ND         0.01           Methodrab         ND         0.01           Methodrab         ND         0.02           Methomyl         ND         0.02           Methoprene         ND         0.02           Mevinphos         ND         0.02           MGK-264         ND         0.02           Myclobutanil         ND         0.02           Naled         ND         0.02           Novaluron         ND         0.02           Oxamyl         ND         0.02           Permethyl         ND         0.01           Permethyn         ND         0.02           Permethyn         ND         0.02           Phonothyn         ND         0.02           Phonothyn         ND         0.02           Phonothyn         ND         0.02           Piperonyl butoxide         ND         0.02           Propicionazole         ND         0.01 <tr< td=""><td>Imazalil</td><td>ND</td><td>0.01</td></tr<>	Imazalil	ND	0.01
Kinoprene         ND         0.05           Kresoxim-methyl         ND         0.01           Malathion         ND         0.01           Metalaxyl         ND         0.01           Methiocarb         ND         0.02           Methomyl         ND         0.02           Methoprene         ND         0.5           Mevinphos         ND         0.02           MGK-264         ND         0.02           Myclobutanil         ND         0.02           Movaluron         ND         0.02           Novaluron         ND         0.02           Oxamyl         ND         0.02           Paration-methyl         ND         0.02           Permethrin         ND         0.1           Phenothrin         ND         0.1           Phosmet         ND         0.01           Piperonyl butoxide         ND         0.01           Primicarb         ND         0.02           Propicionazole         ND         0.01           Propiconazole         ND         0.01           Propiconazole         ND         0.01           Pyraclostroin         ND         0.02 </td <td>Imidacloprid</td> <td>ND</td> <td>0.01</td>	Imidacloprid	ND	0.01
Kroprene         ND         0.05           Kresoxim-methyl         ND         0.01           Malathion         ND         0.01           Metalaxyl         ND         0.01           Methiocarb         ND         0.02           Methomyl         ND         0.02           Methoprene         ND         0.5           Mevinphos         ND         0.02           MGK-264         ND         0.02           Myclobutanil         ND         0.02           Novaluron         ND         0.02           Novaluron         ND         0.02           Coxamyl         ND         0.02           Parathon-methyl         ND         0.02           Permethrin         ND         0.1           Phenothrin         ND         0.1           Phenothrin         ND         0.01           Phenothrin         ND         0.01           Piperonyl butoxide         ND         0.02           Propicionazole         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraciostroin         ND         0.02 <td></td> <td>ND</td> <td>0.5</td>		ND	0.5
Malathion         ND         0.01           Metalaxyl         ND         0.01           Methiocarb         ND         0.01           Methomyl         ND         0.02           Methoprene         ND         0.5           Mevinphos         ND         0.02           MGK-264         ND         0.02           Myclobutaril         ND         0.01           Naled         ND         0.02           Novaluron         ND         0.02           Oxamyl         ND         0.02           Pactobutrazol         ND         0.02           Parathion-methyl         ND         0.02           Permethrin         ND         0.02           Phosnet         ND         0.02           Phosnet         ND         0.01           Piperonyl butoxide         ND         0.02           Pirimicarb         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.02           Pyrethrins         ND         0.025		ND	
Malathion         ND         0.01           Metalaxyl         ND         0.01           Methiocarb         ND         0.01           Methomyl         ND         0.02           Methoprene         ND         0.5           Mevinphos         ND         0.02           MGK-264         ND         0.02           Myclobutaril         ND         0.01           Naled         ND         0.02           Novaluron         ND         0.02           Poxamyl         ND         0.02           Pactobutrazol         ND         0.02           Parathion-methyl         ND         0.02           Permethrin         ND         0.02           Phosmet         ND         0.02           Phosmet         ND         0.01           Piperonyl butoxide         ND         0.02           Pirimicarb         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.02           Pyrethrins         ND         0.025 <td></td> <td>ND</td> <td></td>		ND	
MetalaxylND0.01MethiocarbND0.01MethonylND0.02MethopreneND0.5MevinphosND0.02MGK-264ND0.02MyclobutanilND0.01NaledND0.02NovaluronND0.02OxamylND0.02PaclobutrazolND0.02PermethrinND0.01PhenothrinND0.02PhosmetND0.02Piperonyl butoxideND0.01Piperonyl butoxideND0.02PirmicarbND0.02PropiconazoleND0.02PropoxurND0.01PyraclostrobinND0.01PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02			
MethiocarbND0.01MethonylND0.02MethopreneND0.5MevinphosND0.02MGK-264ND0.02MyclobutanilND0.01NaledND0.02NovaluronND0.02OxamylND0.02PaclobutrazolND0.01Parathion-methylND0.01PermethrinND0.02PhonothrinND0.02PhosmetND0.02Piperonyl butoxideND0.02Piperonyl butoxideND0.02PirmicarbND0.02PropiconazoleND0.02PropoxurND0.01PropoxurND0.01PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02PyraclostrobinND0.02	Metalaxyl	ND	0.01
MethonylND0.02MethopreneND0.5MevinphosND0.02MGK-264ND0.02MyclobutanilND0.01NaledND0.02NovaluronND0.02OxamylND0.02PacabutrazolND0.01Parathion-methylND0.02PermethrinND0.1PhenothrinND0.02PhosmetND0.02Piperonyl butoxideND0.02PirimicarbND0.02PirimicarbND0.02PropiconazoleND0.02PropoxurND0.01PropoxurND0.01PyraclostrobinND0.01PyraclostrobinND0.02PyridabenND0.02			
MethopreneND0.5MevinphosND0.02MGK-264ND0.02MyclobutanilND0.01NaledND0.02NovaluronND0.02OxamylND0.02PaclobutrazolND0.01Parathion-methylND0.01PermethrinND0.1PhenothrinND0.02PhosmetND0.02Pigeronyl butoxideND0.02PirmicarbND0.01PrallethrinND0.02PropiconazoleND0.01PropoxurND0.01PyraclostrobinND0.01PyraclostrobinND0.02PyridabenND0.025PyridabenND0.025	Methomyl		
Mevinphos         ND         0.02           MGK-264         ND         0.02           Myclobutaril         ND         0.01           Naled         ND         0.02           Novaluron         ND         0.02           Oxamyl         ND         0.02           Paclobutrazol         ND         0.01           Parathion-methyl         ND         0.02           Permethrin         ND         0.1           Phenothrin         ND         0.02           Phosmet         ND         0.01           Pigeronyl butoxide         ND         0.02           Primicarb         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.02           Pyrethrins         ND         0.025           Pyridaben         ND         0.025			
MGK-264         ND         0.02           Myclobutanil         ND         0.01           Naled         ND         0.02           Novaluron         ND         0.02           Oxamyl         ND         0.02           Paclobutrazol         ND         0.01           Parathion-methyl         ND         0.02           Permethrin         ND         0.01           Phenothrin         ND         0.02           Phosmet         ND         0.01           Piperonyl butoxide         ND         0.01           Primicarb         ND         0.01           Prallethrin         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.025           Pyridaben         ND         0.025			
MyclobutanilND0.01NaledND0.02NovaluronND0.02OxamylND0.02PaclobutrazolND0.01Parathion-methylND0.02PermethrinND0.1PhenothrinND0.02PhosmetND0.01Piperonyl butoxideND0.01PrallethrinND0.01PrallethrinND0.02PropiconazoleND0.01PropoxurND0.01PyraclostrobinND0.01PyraclostrobinND0.025PyridabenND0.025			
Naled         ND         0.02           Novaluron         ND         0.02           Oxamyl         ND         0.02           Paclobutrazol         ND         0.01           Parathion-methyl         ND         0.02           Permethrin         ND         0.02           Phosmet         ND         0.01           Piperonyl butoxide         ND         0.01           Primicarb         ND         0.01           Prallethrin         ND         0.01           Propiconazole         ND         0.01           Pryraclostrobin         ND         0.01           Pyraclostrobin         ND         0.025           Pyridaben         ND         0.025			
NovaluronND0.02OxamylND0.02PaclobutrazolND0.01Parathion-methylND0.02PermethrinND0.1PhenothrinND0.02PhosmetND0.01Piperonyl butoxideND0.01PrimicarbND0.01PrallethrinND0.01PropiconazoleND0.01PropoxurND0.01PyraclostrobinND0.01PyrethrinsND0.025PyridabenND0.025			
Oxamyl       ND       0.02         Paclobutrazol       ND       0.01         Parathion-methyl       ND       0.02         Permethrin       ND       0.1         Phenothrin       ND       0.02         Phosmet       ND       0.01         Piperonyl butoxide       ND       0.02         Primicarb       ND       0.01         Prallethrin       ND       0.02         Propiconazole       ND       0.01         Propoxur       ND       0.01         Pyraclostrobin       ND       0.025         Pyrethrins       ND       0.025         Pyridaben       ND       0.025			
Paclobutrazol         ND         0.01           Parathion-methyl         ND         0.02           Permethrin         ND         0.1           Phenothrin         ND         0.02           Phosmet         ND         0.01           Piperonyl butoxide         ND         0.02           Primicarb         ND         0.01           Prallethrin         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.02           Pyrethrins         ND         0.025           Pyridaben         ND         0.025			
Parathion-methyl         ND         0.02           Permethrin         ND         0.1           Phenothrin         ND         0.02           Phosmet         ND         0.01           Piperonyl butoxide         ND         0.02           Pirimicarb         ND         0.01           Prallethrin         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.025           Pyridaben         ND         0.025			
Permethrin         ND         0.1           Phenothrin         ND         0.02           Phosmet         ND         0.01           Piperonyl butoxide         ND         0.02           Pirmicarb         ND         0.01           Prallethrin         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.025           Pyrethrins         ND         0.025           Pyridaben         ND         0.02			
Phenothrin       ND       0.02         Phosmet       ND       0.01         Piperonyl butoxide       ND       0.02         Pirimicarb       ND       0.01         Prallethrin       ND       0.02         Propiconazole       ND       0.01         Propoxur       ND       0.01         Pyraclostrobin       ND       0.025         Pyrethrins       ND       0.025         Pyridaben       ND       0.02			
PhosmetND0.01Piperonyl butoxideND0.02PirimicarbND0.01PrallethrinND0.02PropiconazoleND0.01PropoxurND0.01PyraclostrobinND0.01PyrethrinsND0.025PyridabenND0.025			
Piperonyl butoxide         ND         0.02           Pirimicarb         ND         0.01           Prallethrin         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.01           Pyrethrins         ND         0.025           Pyridaben         ND         0.02			
Pirimicarb         ND         0.01           Prallethrin         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.01           Pyrethrins         ND         0.025           Pyridaben         ND         0.02			
Prallethrin         ND         0.02           Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.01           Pyrethrins         ND         0.025           Pyridaben         ND         0.02			
Propiconazole         ND         0.01           Propoxur         ND         0.01           Pyraclostrobin         ND         0.01           Pyrethrins         ND         0.025           Pyridaben         ND         0.02			
PropoxurND0.01PyraclostrobinND0.01PyrethrinsND0.025PyridabenND0.02			
PyraclostrobinND0.01PyrethrinsND0.025PyridabenND0.02			
PyrethrinsND0.025PyridabenND0.02			
Pyridaben ND 0.02			
Quintozene ND 0.01		ND ND	0.02
Resmethrin ND 0.02			
Spinetoram ND 0.02 Spinetoram ND 0.01			
Spinosad ND 0.01			
Spiromesifen ND 0.02			
Spirotetramat ND 0.02			
Spiroxamine ND 0.01			
Tebuconazole ND 0.01			
Tebufenozide ND 0.01	reputenoziae	ND	0.01





Compounds Not Detected	Results (ppm)	RDL
Teflubenzuron	ND	0.02
Tetrachlorvinphos	ND	0.01
Tetramethrin	ND	0.02
Thiacloprid	ND	0.01
Thiamethoxam	ND	0.01
Thiophanate-methyl	ND	0.02
Trifloxystrobin	ND	0.01

Authorized by: Laboratory Manager Signature:

#### **Details of testing**

- 1. ppm (w/w): parts per million by weight, MRL: Maximum residue limits, RDL: Reporting detection limits
- 2. The compounds are ND (not detected) at or above the RDL
- 3. Health Canada and/or United States MRL are taken from Health Canada & Global MRL Database (where applicable) on the date of COA preparation
- 4. Results only apply to the items tested and to the sample(s) as received.
- 5. This report may not be distributed or reproduced except in full



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