PURPLEFARM	Certificate of Analysis (CoA)/Certificate of Conformance (CoC)		
Product Name:	**Apples and Bananas**	**Brand Name:**	N/A
Lot No.:	F25AB00106F	**Cannabis Class:**	Dried Cannabis
Produced by:	Purplefarm Genetics (Fredericton) Inc. – LIC-1D1IWUPGC1-2023		
Producer Address:	40 Blizzard Street, Fredericton, NB E3B 8K1		

Potency Testing (Cannabinoids)	**Method**	**Specification**	**Results (as is)**	**Pass/Fail**
Total THC (THCA x 0.877 + THC)	LAB-MTD-020	Report Results	23.0503 w/w%	Report
THCA (Δ-9-Tetrahydrocannabinolic acid)		Report Results	25.2171 w/w%	Report
THC (Δ-9-Tetrahydrocannabinol)		Report Results	0.9349 w/w%	Report
Total CBD (CBDA x 0.877 + CBD)		Report Results	0.1689 w/w%	Report
CBDA (Cannabidiolic acid)		Report Results	0.1926 w/w%	Report
CBD (Cannabidiol)		Report Results	ND w/w%	Report
Other Cannabinoids:				
CBGA		Report Results	1.1297 w/w%	Report
CBG		Report Results	0.1411 w/w%	Report

Moisture Content	**Method**	**Specification**	**Results**	**Pass/Fail**
Moisture Content	LAB-MTD-017	<15%	11.06 %	Pass

Foreign Material	**Method**	**Specification**	**Results**	**Pass/Fail**
Foreign Matter	LAB-MTD-022	<2% w/w in dried cannabis sample	<2 %	Pass

Additional Testing	**Method**	**Specification**	**Results**	**Pass/Fail**
Appearance	LAB-MTD-022	Light to dark green	Conforms	Pass

PURPLEFARM	Certificate of Analysis (CoA)/Certificate of Conformance (CoC)		
Product Name:	**Apples and Bananas**	**Brand Name:**	N/A
Lot No.:	F25AB00106F	**Cannabis Class:**	Dried Cannabis
Produced by:	Purplefarm Genetics (Fredericton) Inc. – LIC-1D1IWUPGC1-2023		
Producer Address:	40 Blizzard Street, Fredericton, NB E3B 8K1		

Microbial Testing	**Method**	**Specification**	**Results**	**Pass/Fail**
Total Aerobic Counts	MIC-MTD-007	<500,000	40 CFU/g	Pass
Total Yeast and Molds		<50,000	30 CFU/g	Pass
Bile Tolerant Gram-Negative Bacteria		<10,000	<10 CFU/g	Pass
E. coli		Absent in 1g	Absent in 1g	Pass
Salmonella		Absent in 25g	Absent in 25g	Pass

Heavy Metals	**Method**	**Specification**	**Results**	**Pass/Fail**
Arsenic (As)	LAB-MTD-050	< 0.2 ppm	ND ppm	Pass
Cadmium (Cd)		< 0.3 ppm	<0.05 ppm	Pass
Lead (Pb)		< 0.5 ppm	ND ppm	Pass
Mercury (Hg)		< 0.1 ppm	ND ppm	Pass

Aflatoxins	**Method**	**Specification**	**Results**	**Pass/Fail**
Aflatoxin B1	LAB-MTD-010	< 2 ppb	ND ppb	Pass
Total Aflatoxins (B1+B2+G1+G2)		< 4 ppb	0 ppb	Pass

Pesticide Testing	**Method**	**Specification**	**Results**	**Pass/Fail**
Pesticides - Canada	LAB-MTD-010	< LOQ	ND	Pass

PURPLEFARM	**Certificate of Analysis (CoA)/Certificate of Conformance (CoC)**		
Product Name:	**Apples and Bananas**	**Brand Name:**	N/A
Lot No.:	F25AB00106F	**Cannabis Class:**	Dried Cannabis
Produced by:	Purplefarm Genetics (Fredericton) Inc. – LIC-1D1IWUPGC1-2023		
Producer Address:	40 Blizzard Street, Fredericton, NB E3B 8K1		

Terpenes	**Method**	**Specification**	***Results (as is)**	**Pass/Fail**
1) Myrcene	PC-MAT-004	Report Results	1.318 w/w%	Report
2) α-Pinene		Report Results	0.460 w/w%	Report
3) β-Caryophyllene		Report Results	0.309 w/w%	Report
4) (E)-β-Ocimene		Report Results	0.214 w/w%	Report
5) Linalool		Report Results	0.131 w/w%	Report
Total		Report Results	3.474 w/w%	Report

*Results calculated as (mg/g)/10 = %w/w

Testing Performed by (List Lab(s) and Location(s)):

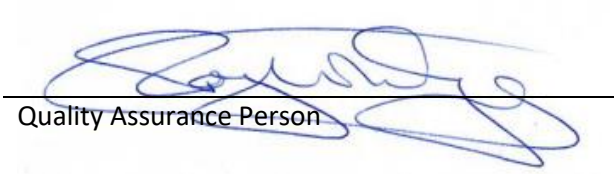
Laboratoire PhytoChemia 628 Boulevard du Saguenay Ouest Saguenay, Quebec G7J 1H4	25I12-PFR02: Terpenes (2025-09-16)
High North Inc. 241 Hanlan Road, Unit 7 Woodbridge, ON L4L 3R7	00775953: Cannabinoids & LOD (2025-09-15) 00775955: General (2025-09-19) 00784233: Micro (2025-09-29) 00775956: HC Pesticides (2025-09-15)

PURPLEFARM	Certificate of Analysis (CoA)/Certificate of Conformance (CoC)		
Product Name:	**Apples and Bananas**	**Brand Name:**	N/A
Lot No.:	F25AB00106F	**Cannabis Class:**	Dried Cannabis
Produced by:	Purplefarm Genetics (Fredericton) Inc. – LIC-1D1IWUPGC1-2023		
Producer Address:	40 Blizzard Street, Fredericton, NB E3B 8K1		

Attestation

Purplefarm Genetics (Fredericton) Inc. hereby certifies that the above information is authentic and accurate. This batch of product has been produced, packaged and quality controlled at the above-mentioned recognized building in full compliance with the Regulations and Good Production Practices requirements of the local regulatory authority. The lot processing, packaging and analysis records were reviewed and found to be compliant.

Approval Signature:



Quality Assurance Person

2025-Oct-17

Date (yyyy-mmm-dd)

PURPLEFARM	Certificate of Analysis (CoA)/Certificate of Conformance (CoC)		
Product Name:		**Brand Name:**	N/A
Lot No.:		**Cannabis Class:**	Dried Cannabis
Produced by:	Purplefarm Genetics (Fredericton) Inc. – LIC-1D1IWUPGC1-2023		
Producer Address:	40 Blizzard Street, Fredericton, NB E3B 8K1		

Additional Information:
Investigations/Deviations:

Quantity:

Bulk Packaging Date:

Retention Samples (1):

Bioburden Reduction: N/A

Expiry Date: Not yet determined

HIGH NORTH ID:
00775953
Date: 2025-09-15
Certificate: 1757965585

High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6122
LIC-P4PNJMAC20-2022

Client: Purplefarm Genetics (Fredericton) Inc.
40 Blizzard Street,
Fredericton, NB, E3B 8K1
Name: Roy McIntyre
5062824200
roy@purplefarmgenetics.com

Product: Apples and Bananas
Lot: F25AB00106F
Matrix: Flower
Sub-matrix: Dried Flower
Sampled: 2025-09-09
Received: 2025-09-10
Temperature on Receipt: 22.0°C

Certificate of Analysis

Anhydrous Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			25.1770	251.7702
Total CBD [(CBDA x 0.877) + CBD]			0.1844	1.8447
THCA-A	0.03	0.06	27.5438	275.4380
CBCA	0.03	0.06	1.2602	12.6016
CBGA	0.03	0.06	1.2340	12.3395
D9-THC	0.03	0.06	1.0211	10.2111
CBDA	0.03	0.06	0.2103	2.1034
THCVA	0.03	0.06	0.1754	1.7539
CBG	0.03	0.06	0.1542	1.5417
CBC	0.03	0.06	ND	ND
D8-THC	0.03	0.06	ND	ND
CBCVA	0.03	0.06	ND	ND
CBN	0.03	0.06	ND	ND
CBCV	0.03	0.06	ND	ND
THCV	0.03	0.06	ND	ND
CBD	0.03	0.06	ND	ND
CBDV	0.03	0.06	ND	ND
CBDVA	0.03	0.06	ND	ND
Total of all quantified cannabinoids:			31.5990	315.9892

Loss on Drying (EP 2.2.32 Vacuum Oven) used for Anhydrous Cannabinoids Calculation
Method: LAB-MTD-020 (ISO 17025:2017 Accredited)

Moisture Analysis	Result
Loss on Drying (Moisture Analyzer)	11.06%
Loss on Drying (EP 2.2.32 Vacuum Oven)	8.4471%

Method: LAB-MTD-053, LAB-MTD-017 (ISO 17025:2017 Accredited)

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

Authorized by:
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Quality Control and Release

ISO 17025:2017
Accredited Laboratory

SCC Accredited LAB
LAB Accrédité CCN

High North ID: 00775953
Certificate: 1757965585

Apples and Bananas
F25AB00106F

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			23.0503	230.5029
Total CBD [(CBDA x 0.877) + CBD]			0.1689	1.6888
THCA-A	0.03	0.06	25.2171	252.1714
CBCA	0.03	0.06	1.1537	11.5371
CBGA	0.03	0.06	1.1297	11.2971
D9-THC	0.03	0.06	0.9349	9.3486
CBDA	0.03	0.06	0.1926	1.9257
THCVA	0.03	0.06	0.1606	1.6057
CBG	0.03	0.06	0.1411	1.4114
CBC	0.03	0.06	ND	ND
D8-THC	0.03	0.06	ND	ND
CBCVA	0.03	0.06	ND	ND
CBN	0.03	0.06	ND	ND
CBCV	0.03	0.06	ND	ND
THCV	0.03	0.06	ND	ND
CBD	0.03	0.06	ND	ND
CBDV	0.03	0.06	ND	ND
CBDVA	0.03	0.06	ND	ND
Total of all quantified cannabinoids:			28.9297	289.2970

Method: LAB-MTD-020 (ISO 17025:2017 Accredited)

Identification C (by HPLC) In-House Method

The retention time of the THCA peak in the chromatogram of the Assay preparation corresponds to the retention time of THCA in the standard (Conforms).

Method: LAB-MTD-020 (ISO 17025:2017 Accredited)

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

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HIGH NORTH ID:
00775955
Date: 2025-09-19
Certificate: 1758313323

High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6122
LIC-P4PNJMAC20-2022

Client: Purplefarm Genetics (Fredericton) Inc.
40 Blizzard Street,
Fredericton, NB, E3B 8K1
Name: Roy McIntyre
5062824200
roy@purplefarmgenetics.com

Product: Apples and Bananas
Lot: F25AB00106F
Matrix: Flower
Sub-matrix: Dried Flower
Sampled: 2025-09-09
Received: 2025-09-10
Temperature on Receipt: 22.0°C

Certificate of Analysis

Visual Inspection/Olfactory	Result
Foreign Matter	<2 %w/w
Sample Appearance	Green dried flower buds. The samples are free from molds, insects and another animal contamination

Method: LAB-MTD-022 (ISO 17025:2017 Accredited)

Mycotoxin Analysis	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	Status
Aflatoxin-B1	0.5000	2	2	ND	PASS
Aflatoxin-B2	0.5000	2		ND	
Aflatoxin-G1	0.3000	2		ND	
Aflatoxin-G2	0.6000	2		ND	
Sum of Aflatoxins:			4	0	PASS

Method: LAB-MTD-010 (ISO 17025:2017 Accredited)

Ochratoxin-A	0.5000	2	2	ND	PASS

Method: LAB-MTD-010 (ISO 17025:2017 Accredited)

Heavy Metals Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.015	0.20	2.5	ND	PASS
Cadmium	0.006	0.05	0.5	BLQ	PASS
Lead	0.017	0.45	5.0	ND	PASS
Mercury	0.010	0.04	0.1	ND	PASS
Nickel	0.004	0.05		BLQ	
Zinc	0.104	1.29		71.1240	

Method: LAB-MTD-050 (ISO 17025:2017 Accredited)

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

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
2,4-D	0.0025	0.01	0.01	ND
Abamectin (AvermectineB1a+Avermectine B1b)	0.0076	0.04	0.1	ND
Acephate	0.0027	0.01	0.01	ND
Acequinocyl	0.0016	0.01	0.03	ND
Acetamiprid	0.0007	0.01	0.05	ND
Aclonifen	0.0032	0.01	0.01	ND
Acrinathrin	0.0020	0.01	0.05	ND
Alachlor	0.0020	0.01	0.01	ND
Aldrin	0.0025	0.01	0.01	ND
Allethrin	0.0012	0.01	0.01	ND
Ametryn	0.0032	0.01	0.01	ND
Amitraz	0.0022	0.01	0.01	ND
Atrazine	0.0021	0.01	0.01	ND
Azadirachtin	0.0032	0.01	0.5	ND
Azinphos-ethyl	0.0028	0.01	0.01	ND
Azinphos methyl	0.0027	0.01	0.01	ND
Azoxystrobin	0.0020	0.01	0.05	ND
Benalaxyl	0.0006	0.01	0.01	ND
Benfluralin	0.0020	0.01	0.01	ND
Benfuracarb	0.0011	0.01	0.01	ND
Bentazone	0.0017	0.01	0.01	ND
Bifenazate	0.0014	0.01	0.01	ND
Bifenthrin	0.0062	0.04	0.05	ND
Bitertanol	0.0029	0.01	0.01	ND
Boscalid	0.0030	0.01	0.05	ND
Bromacil	0.0008	0.01	0.01	ND
Bromide, inorganic (calculated as bromide ion)	16.4711	100	125	ND
Bromophos-ethyl	0.0025	0.01	0.01	ND
Bromophos-methyl	0.0021	0.01	0.01	ND
Bromopropylate	0.0018	0.01	0.01	ND
Bromuconazole	0.0026	0.01	0.01	ND
Bupirimate	0.0027	0.01	0.01	ND
Buprofezin	0.0010	0.01	0.02	ND
Cadusafos	0.0007	0.01	0.01	ND
Captan	0.0021	0.01	0.01	ND
Carbaryl	0.0017	0.01	0.01	ND
Carbendazim	0.0014	0.01	0.01	ND
Carbofuran	0.0005	0.01	0.01	ND
Carbofuran,3-hydroxy-	0.0015	0.01	0.01	ND
Carbosulfan	0.0006	0.01	0.01	ND
Carfentrazone ethyl	0.0027	0.01	0.01	ND
Chlorantraniliprole	0.0025	0.01	0.1	ND

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

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
Chlordane (Sum of cis-,trans- and oxychlordane)	0.0028	0.01	0.01	ND
Chlorfenapyr	0.0032	0.01	0.01	ND
Chlorfenvinphos	0.0019	0.01	0.01	ND
Chlorfluazuron	0.0010	0.01	0.01	ND
Chlorothalonil	0.0025	0.01	0.01	ND
Chlorpropham	0.0033	0.01	0.01	ND
Chlorpyrifos-ethyl	0.0021	0.01	0.01	ND
Chlorpyrifos-methyl	0.0026	0.01	0.01	ND
Chlorthal dimethyl	0.0029	0.01	0.01	ND
Clethodim	0.0031	0.01	0.01	ND
Clofentezine	0.0016	0.01	0.01	ND
Clomazone	0.0009	0.01	0.01	ND
Clopyralid	0.0024	0.01	0.01	ND
Clothianidin	0.0031	0.01	0.025	ND
Coumaphos	0.0013	0.01	0.01	ND
Cyantraniliprole	0.0027	0.01	0.01	ND
Cycloxydim	0.0025	0.01	0.01	ND
Cyflufenamid	0.0014	0.01	0.2	ND
Cyflumetofen	0.0011	0.01	0.5	ND
Cyfluthrin	0.0022	0.01	0.01	ND
Cyhexatin	0.0031	0.01	0.01	ND
Cymoxanil	0.0031	0.01	0.01	ND
Cypermethrin and isomers (Sum of)	0.0019	0.01	0.01	ND
Cyproconazole	0.0017	0.01	0.01	ND
Cyprodinil	0.0014	0.01	0.05	ND
Cyromazine	0.0032	0.01	0.01	ND
Deltamethrin	0.0028	0.01	0.05	ND
Demeton-S-Methyl Sulfone	0.0013	0.01	0.01	ND
Desmethyl-pirimicarb	0.0007	0.01	0.02	ND
Diafenthiuron	0.0024	0.01	0.01	ND
Diazinon	0.0012	0.01	0.01	ND
Dichlofluanid	0.0032	0.01	0.01	ND
Dichlorvos	0.0026	0.01	0.01	ND
Diclofop methyl	0.0025	0.01	0.01	ND
Dicofol	0.0018	0.01	0.01	ND
Dieldrin	0.0021	0.01	0.01	ND
Diethofencarb	0.0008	0.01	0.01	ND
Difenoconazole	0.0031	0.01	0.01	ND
Diflubenzuron	0.0021	0.01	0.01	ND
Diflufenican	0.0012	0.01	0.01	ND
Dimethenamid	0.0023	0.01	0.01	ND
Dimethoate	0.0014	0.01	0.01	ND

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

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
Dimethomorph	0.0015	0.01	0.01	ND
Dimethyl Disulfide	0.0025	0.01	0.01	ND
Diniconazole	0.0020	0.01	0.01	ND
Dinotefuran	0.0011	0.01	0.05	ND
Diphenylamine	0.0024	0.01	0.01	ND
Dithianon	0.0022	0.01	0.01	ND
Dithiocarbamates	0.0025	0.01	0.01	ND
Diuron	0.0006	0.01	0.01	ND
Dodemorph	0.0012	0.01	0.01	ND
Dodine	0.0015	0.01	0.01	ND
Emamectin benzoate B1a+B1b	0.0031	0.01	0.02	ND
Endosulfan,alpha	0.0026	0.01	0.01	ND
Endosulfan,beta	0.0030	0.01	0.01	ND
Endosulfan sulfate	0.0029	0.01	0.01	ND
Endrin	0.0031	0.01	0.01	ND
Endrin aldehide	0.0025	0.01	0.01	ND
Esfenvalerate	0.0023	0.01	0.01	ND
Ethalfluralin	0.0023	0.01	0.01	ND
Ethion	0.0014	0.01	0.01	ND
Ethoxyquin	0.0019	0.01	0.01	ND
Etofenprox	0.0008	0.01	0.01	ND
Etoprophos	0.0008	0.01	0.01	ND
Etoxazole	0.0010	0.01	0.02	ND
Etrimphos	0.0028	0.01	0.01	ND
Famoxadone	0.0033	0.01	0.01	ND
Fenamidone	0.0019	0.01	0.01	ND
Fenamiphos	0.0012	0.01	0.01	ND
Fenamiphos sulfone	0.0017	0.01	0.01	ND
Fenamiphos sulfoxide	0.0022	0.01	0.01	ND
Fenarimol	0.0032	0.01	0.01	ND
Fenazaquin	0.0017	0.01	0.01	ND
Fenbuconazole	0.0016	0.01	0.01	ND
Fenbutatin-oxide	0.0024	0.01	0.01	ND
Fenchlorophos (Sum of fenchlorophos and fenchlorophos-oxon)	0.0022	0.01	0.01	ND
Fenhexamide	0.0026	0.01	0.01	ND
Fenitrothion	0.0021	0.01	0.01	ND
Fenoxaprop-p-ethyl	0.0012	0.01	0.01	ND
Fenoxycarb	0.0012	0.01	0.01	ND
Fenpropathrin	0.0020	0.01	0.01	ND
Fenpyrazamine	0.0011	0.01	0.01	ND
Fenpyroximate	0.0017	0.01	0.01	ND
Fensulfothion	0.0010	0.01	0.01	ND

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

Authorized by:

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
Fensulfothion-oxon	0.0008	0.01	0.01	ND
Fensulfothion-oxonsulfon	0.0006	0.01	0.01	ND
Fensulfothion-sulfon	0.0022	0.01	0.01	ND
Fenthion	0.0011	0.01	0.01	ND
Fenthion oxon	0.0005	0.01	0.01	ND
Fenthion oxon sulfone	0.0021	0.01	0.01	ND
Fenthion oxon sulfoxide	0.0022	0.01	0.01	ND
Fenthion sulfone	0.0021	0.01	0.01	ND
Fenthion sulfoxide	0.0017	0.01	0.01	ND
Fenvalerate	0.0023	0.01	0.01	ND
Fipronil	0.0012	0.01	0.01	ND
Flonicamid	0.0020	0.01	0.025	ND
Fluazifop-P-butyl	0.0009	0.01	0.01	ND
Fluazinam	0.0028	0.01	0.01	ND
Flubendiamide	0.0024	0.01	0.01	ND
Flucythrinate	0.0019	0.01	0.01	ND
Fludioxonil	0.0022	0.01	0.05	ND
Fluensulfone	0.0021	0.01	0.01	ND
Flufenoxuron	0.0029	0.01	0.01	ND
Fluopicolide	0.0030	0.01	0.01	ND
Fluopyram	0.0011	0.01	0.02	ND
Flurochloridone	0.0033	0.01	0.01	ND
Fluroxypyr meptyl	0.0009	0.01	0.01	ND
Flusilazole	0.0012	0.01	0.01	ND
Flusulfamide	0.0030	0.01	0.01	ND
Flutolanil	0.0010	0.01	0.01	ND
Flutriafol	0.0029	0.01	0.01	ND
Folpet	0.0023	0.01	0.01	ND
Fonophos	0.0025	0.01	0.01	ND
Formetanate HCl	0.0007	0.01	0.01	ND
Fosethyl-AL	0.0015	0.01	0.01	ND
Guazatine	0.0020	0.01	0.01	ND
Haloxyfop R methyl	0.0007	0.01	0.01	ND
HCH,alpha-	0.0021	0.01	0.01	ND
HCH,beta-	0.0016	0.01	0.01	ND
HCH,delta	0.0016	0.01	0.01	ND
HCH,epsilon-	0.0033	0.01	0.01	ND
Heptachlor	0.0015	0.01	0.01	ND
Heptachlor epoxide	0.0019	0.01	0.01	ND
Hexachlorobenzene	0.0022	0.01	0.01	ND
Imazalil	0.0020	0.01	0.01	ND
Imazamox	0.0012	0.01	0.01	ND
Imidacloprid	0.0016	0.01	0.05	ND
Indoxacarb	0.0014	0.01	0.01	ND

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

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
Iprodione	0.0031	0.01	0.01	ND
Iprovalicarb	0.0021	0.01	0.01	ND
Kresoxim methyl	0.0017	0.01	0.01	ND
Lambda cyhalothrin	0.0025	0.01	0.01	ND
Lindane	0.0021	0.01	0.01	ND
Linuron	0.0018	0.01	0.01	ND
Lufenuron	0.0015	0.01	0.01	ND
Malaoxon	0.0014	0.01	0.01	ND
Malathion	0.0010	0.01	0.01	ND
Mandipropamide	0.0032	0.01	0.01	ND
Mecarbam	0.0009	0.01	0.01	ND
Mepanipyrim	0.0033	0.01	0.01	ND
Meptyldinocap	0.0024	0.01	0.01	ND
Metaflumizone	0.0022	0.01	0.01	ND
Metalaxyl-M	0.0006	0.01	0.01	ND
Metamitron	0.0029	0.01	0.01	ND
Methacriphos	0.0025	0.01	0.01	ND
Methamidophos	0.0024	0.01	0.01	ND
Metham Sodium	0.0028	0.01	0.01	ND
Methidathion	0.0020	0.01	0.01	ND
Methiocarb	0.0008	0.01	0.01	ND
Methiocarb sulfone	0.0014	0.01	0.01	ND
Methiocarb sulfoxide	0.0021	0.01	0.01	ND
Methomyl	0.0009	0.01	0.01	ND
Methoprene	0.0024	0.01	0.01	ND
Methoxychlor	0.0032	0.01	0.01	ND
Methoxyfenozide	0.0013	0.01	0.01	ND
Metoconazole-cis&trans	0.0022	0.01	0.01	ND
Metolachlor-S	0.0022	0.01	0.01	ND
Metominostrobin	0.0024	0.01	0.01	ND
Metribuzin	0.0020	0.01	0.01	ND
Mevinphos	0.0025	0.01	0.01	ND
MGK-264	0.0020	0.01	0.01	ND
Milbemectin	0.0027	0.01	0.01	ND
Mirex	0.0027	0.01	0.01	ND
Monocrotophos	0.0016	0.01	0.01	ND
Myclobutanil	0.0010	0.01	0.01	ND
Naled	0.0021	0.01	0.01	ND
N-desethyl-pirimiphos-methyl	0.0026	0.01	0.01	ND
Novaluron	0.0014	0.01	0.025	ND
o,p' - DDT	0.0020	0.01	0.01	ND
o,p-DDD	0.0020	0.01	0.01	ND
o,p-DDE	0.0022	0.01	0.01	ND
Omethoate	0.0017	0.01	0.01	ND

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

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
Ortho phenylphenol	0.0030	0.01	0.01	ND
Oxadiargyl	0.0030	0.01	0.01	ND
Oxadiazon	0.0029	0.01	0.01	ND
Oxamyl	0.0020	0.01	0.01	ND
Oxathiapiprolin	0.0016	0.01	0.01	ND
Oxydemeton methyl (Demeton-S-Methyl sulfoxide)	0.0024	0.01	0.01	ND
Oxyfluorfen	0.0033	0.01	0.01	ND
p,p' - DDD	0.0026	0.01	0.01	ND
p,p' - DDE	0.0022	0.01	0.01	ND
p,p' - DDT	0.0028	0.01	0.01	ND
Paclobutrazol	0.0022	0.01	0.01	ND
Paraoxon-methyl	0.0033	0.01	0.01	ND
Parathion-ethyl and Paraoxon-ethyl (Sum of)	0.0024	0.01	0.01	ND
Parathion methyl	0.0030	0.01	0.01	ND
Penconazole	0.0019	0.01	0.01	ND
Pencycuron	0.0006	0.01	0.01	ND
Pendimethalin	0.0017	0.01	0.01	ND
Pentachloroanisol	0.0015	0.01	0.01	ND
Penthiopyrad	0.0011	0.01	0.01	ND
Permethrin and isomers (Sum of)	0.0023	0.01	0.01	ND
Phenothrin	0.0022	0.01	0.01	ND
Phosalone	0.0015	0.01	0.01	ND
Phosmet	0.0007	0.01	0.01	ND
Phosmet-oxon	0.0020	0.01	0.01	ND
Picoxystrobin	0.0006	0.01	0.01	ND
Piperonyl butoxide	0.0018	0.01	0.01	ND
Pirimicarb	0.0008	0.01	0.01	ND
Pirimiphos-ethyl	0.0022	0.01	0.01	ND
Pirimiphos methyl	0.0015	0.01	0.01	ND
Prallethrin	0.0027	0.01	0.01	ND
Prochloraz	0.0018	0.01	0.05	ND
Procymidone	0.0023	0.01	0.01	ND
Profenophos	0.0016	0.01	0.01	ND
Prometryne	0.0019	0.01	0.01	ND
Propamocarb HCL	0.0010	0.01	0.01	ND
Propaquizafop	0.0016	0.01	0.01	ND
Propargite	0.0017	0.01	0.01	ND
Propoxur	0.0004	0.01	0.01	ND
Propyzamide	0.0014	0.01	0.01	ND
Proquinazid	0.0019	0.01	0.01	ND
Prothioconazole	0.0031	0.01	0.01	ND
Prothiophos	0.0025	0.01	0.01	ND

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

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
Pymetrozine	0.0016	0.01	0.02	ND
Pyraclostrobin	0.0023	0.01	0.05	ND
Pyraflufen ethyl	0.0017	0.01	0.01	ND
Pyrethrum	0.0123	0.04	0.05	ND
Pyridaben	0.0012	0.01	0.02	ND
Pyridalyl	0.0023	0.01	0.02	ND
Pyrimethanil	0.0013	0.01	0.01	ND
Pyrimidifen	0.0025	0.01	0.01	ND
Pyriofenone	0.0006	0.01	0.01	ND
Pyriproxyfen	0.0014	0.01	0.01	ND
Quinalphos	0.0018	0.01	0.01	ND
Quinoxyfen	0.0027	0.01	0.01	ND
Quintozene (Sum of quintozene, pentachloraniline and methyl penthachlorphenyl sulfide)	0.0028	0.01	0.01	ND
Quizalofop-P-Ethyl	0.0018	0.01	0.01	ND
Resmethrin	0.0010	0.01	0.01	ND
Rimsulfuron	0.0020	0.01	0.01	ND
S-421	0.0026	0.01	0.01	ND
Simazine	0.0033	0.01	0.01	ND
Spinetoram (J+L)	0.0012	0.01	0.01	ND
Spinosad (Spinosyn A+ Spinosyn D)	0.0014	0.01	0.02	ND
Spirodiclofen	0.0021	0.01	0.01	ND
Spiromesifen	0.0022	0.01	1.5	ND
Spirotetramat	0.0009	0.01	0.05	ND
Spiroxamine	0.0007	0.01	0.01	ND
Sulfoxaflor	0.0033	0.01	0.01	ND
Tau-fluvalinate	0.0021	0.01	0.01	ND
Tebuconazole	0.0013	0.01	0.02	ND
Tebufenpyrad	0.0015	0.01	0.01	ND
Tecnazene	0.0028	0.01	0.01	ND
Teflubenzuron	0.0027	0.01	0.025	ND
Terbacil	0.0026	0.01	0.01	ND
Terbutryne	0.0014	0.01	0.01	ND
Tetrachlorvinphos	0.0017	0.01	0.01	ND
Tetraconazole	0.0014	0.01	0.01	ND
Tetradifon	0.0028	0.01	0.01	ND
Thiabendazole	0.0008	0.01	0.01	ND
Thiacloprid	0.0009	0.01	0.01	ND
Thiamethoxam	0.0022	0.01	0.02	ND
Thiocyclam Hydrogen Oxalate	0.0021	0.01	0.01	ND
Thiodicarb	0.0002	0.01	0.01	ND
Thiophanate methyl	0.0024	0.01	0.01	ND
Tolclofos methyl	0.0025	0.01	0.01	ND

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

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Israel Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)
Tolfenpyrad	0.0020	0.01	0.01	ND
Triadimefon	0.0028	0.01	0.01	ND
Triadimenol	0.0033	0.01	0.01	ND
Triasulfuron	0.0031	0.01	0.01	ND
Trifloxystrobin	0.0013	0.01	0.05	ND
Triflumuron	0.0006	0.01	0.01	ND
Trifluralin	0.0025	0.01	0.01	ND
Uniconazole	0.0031	0.01	0.01	ND
Vinclozolin	0.0032	0.01	0.01	ND
Zoxamide	0.0013	0.01	0.01	ND

Method: LAB-MTD-055

Identification A (Macroscopic) DAB Monograph

Complies with monograph

Bracts and flowers of the overall inflorescence form the flattened branched raceme in which each branch has more than one flower.
This highly compressed panicle is approximately 1 to 5 cm in length and width.

The flower husks are green to light green, covered with dense yellow-white hairs, and stuck together with resin. The flower is about 5 to 10 mm long, consisting of a hooded, green to light green bloom.

Light brown to brown pistils and stigma branches, within an individual flower, having an overall length of up to 1 cm.

The crumbled inflorescence contains peduncle fragments, bracts, and panicle sections, as well as individual flowers and flower organs.

Bracts and all flower organs, except pistils, are more or less densely covered with excreted resin-adhesive glandular hairs.

Singular brown ovule contained within the base of the flower with two thin stigma protrusions

Method: MIC-MTD-010

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

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Identification B (Microscopic) DAB Monograph

Complies with monograph

Large, tapered covering trichomes of different lengths and with very thick cell walls isolated or on an epidermis, sometimes with cystoliths.

The upper epidermis having polygonal or sinuate anticlinate cell walls, the cystolith trichomes having very thick, in some cases verrucose cell walls, the cystoliths can be seen as botryoid structures, the palisade parenchyma is visible below the epidermis; bract fragments having fine, unicellular covering trichomes. (Top and Side view)

Peduncle fragments having covered trichomes, helicoidal vessels and rows of crystal cells containing calcium oxalate cluster; the upper epidermis of which has cells with straight or slightly sinuate cell walls, and the lower epidermis of which has highly undulating anticlinate cell walls

Fragments of the brown pistils and stigmata, densely covered with long, club-shaped papillae

Method: MIC-MTD-010

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

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HIGH NORTH ID:
00775956
Date: 2025-09-15
Certificate: 1757977056

High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6122
LIC-P4PNJMAC20-2022

Client: Purplefarm Genetics (Fredericton) Inc.
40 Blizzard Street,
Fredericton, NB, E3B 8K1
Name: Roy McIntyre
5062824200
roy@purplefarmgenetics.com

Product: Apples and Bananas
Lot: F25AB00106F
Matrix: Flower
Sub-matrix: Dried Flower
Sampled: 2025-09-09
Received: 2025-09-10
Temperature on Receipt: 22.0°C

Certificate of Analysis

HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Abamectin	0.0283	0.10	0.10	ND	PASS
Acephate	0.0034	0.02	0.02	ND	PASS
Acequinocyl	0.0080	0.03	0.03	ND	PASS
Acetamiprid	0.0076	0.10	0.10	ND	PASS
Aldicarb	0.0799	1.00	1.00	ND	PASS
Allethrin	0.0410	0.20	0.20	ND	PASS
Azadirachtin	0.6407	1.00	1.00	ND	PASS
Azoxystrobin	0.0031	0.02	0.02	ND	PASS
Benzovindiflupyr	0.0053	0.02	0.02	ND	PASS
Bifenazate	0.0053	0.02	0.02	ND	PASS
Bifenthrin	0.1389	1.00	1.00	ND	PASS
Boscalid	0.0051	0.02	0.02	ND	PASS
Buprofezin	0.0037	0.02	0.02	ND	PASS
Carbaryl	0.0068	0.05	0.05	ND	PASS
Carbofuran	0.0030	0.02	0.02	ND	PASS
Chlorantraniliprole	0.0051	0.02	0.02	ND	PASS
Chlorfenapyr	0.0155	0.05	0.05	ND	PASS
Chlorpyrifos	0.0081	0.04	0.04	ND	PASS
Clofentezine	0.0066	0.02	0.02	ND	PASS
Clothianidin	0.0098	0.05	0.05	ND	PASS
Coumaphos	0.0046	0.02	0.02	ND	PASS
Cyantraniliprole	0.0060	0.02	0.02	ND	PASS
Cyfluthrin	0.0432	0.20	0.20	ND	PASS
Cypermethrin	0.0760	0.30	0.30	ND	PASS
Cyprodinil	0.0477	0.25	0.25	ND	PASS
Daminozide	0.0200	0.10	0.10	ND	PASS
Deltamethrin	0.0913	0.50	0.50	ND	PASS
Diazinon	0.0050	0.02	0.02	ND	PASS
Dichlorvos	0.0279	0.10	0.10	ND	PASS
Dimethoate	0.0048	0.02	0.02	ND	PASS
Dimethomorph	0.0143	0.05	0.05	ND	PASS

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

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HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Dinotefuran	0.0098	0.10	0.10	ND	PASS
Dodemorph	0.0074	0.05	0.05	ND	PASS
Endosulfan-alpha	0.0462	0.20	0.20	ND	PASS
Endosulfan-beta	0.0147	0.05	0.05	ND	PASS
Endosulfan sulfate	0.0108	0.05	0.05	ND	PASS
Ethoprophos	0.0058	0.02	0.02	ND	PASS
Etofenprox	0.0058	0.05	0.05	ND	PASS
Etoxazole	0.0025	0.02	0.02	ND	PASS
Etridiazole	0.0064	0.03	0.03	ND	PASS
Fenoxycarb	0.0062	0.02	0.02	ND	PASS
Fenpyroximate	0.0042	0.02	0.02	ND	PASS
Fensulfothion	0.0108	0.02	0.02	ND	PASS
Fenthion	0.0059	0.02	0.02	ND	PASS
Fenvalerate	0.0414	0.10	0.10	ND	PASS
Fipronil	0.0085	0.06	0.06	ND	PASS
Flonicamid	0.0152	0.05	0.05	ND	PASS
Fludioxonil	0.0061	0.02	0.02	ND	PASS
Fluopyram	0.0067	0.02	0.02	ND	PASS
Hexythiazox	0.0026	0.01	0.01	ND	PASS
Imazalil	0.0105	0.05	0.05	ND	PASS
Imidacloprid	0.0037	0.02	0.02	ND	PASS
Iprodione	0.2626	1.00	1.00	ND	PASS
Kinoprene	0.0717	0.50	0.50	ND	PASS
Kresoxim-methyl	0.0066	0.02	0.02	ND	PASS
Malathion	0.0053	0.02	0.02	ND	PASS
Metalaxyl	0.0041	0.02	0.02	ND	PASS
Methiocarb	0.0050	0.02	0.02	ND	PASS
Methomyl	0.0059	0.05	0.05	ND	PASS
Methoprene	0.3858	2.00	2.00	ND	PASS
Mevinphos	0.0092	0.05	0.05	ND	PASS
MGK-264	0.0130	0.05	0.05	ND	PASS
Myclobutanil	0.0055	0.02	0.02	ND	PASS
Naled	0.0166	0.10	0.10	ND	PASS
Novaluron	0.0134	0.05	0.05	ND	PASS
Oxamyl	0.0675	3.00	3.00	ND	PASS
Paclobutrazol	0.0054	0.02	0.02	ND	PASS
Parathion-methyl	0.0180	0.05	0.05	ND	PASS
Permethrin	0.1182	0.50	0.50	ND	PASS
Phenothrin	0.0116	0.05	0.05	ND	PASS
Phosmet	0.0064	0.02	0.02	ND	PASS
Piperonyl butoxide	0.0185	0.20	0.20	ND	PASS
Pirimicarb	0.0047	0.02	0.02	ND	PASS
Prallethrin	0.0126	0.05	0.05	ND	PASS
Propiconazole	0.0324	0.10	0.10	ND	PASS

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

Authorized by:

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Quality Control and Release

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HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Propoxur	0.0058	0.02	0.02	ND	PASS
Pyraclostrobin	0.0034	0.02	0.02	ND	PASS
Pyrethrins	0.0237	0.05	0.05	ND	PASS
Pyridaben	0.0069	0.05	0.05	ND	PASS
Quintozene	0.0062	0.02	0.02	ND	PASS
Resmethrin	0.0149	0.10	0.10	ND	PASS
Spinetoram	0.0043	0.02	0.02	ND	PASS
Spinosad	0.0237	0.10	0.10	ND	PASS
Spirodiclofen	0.0326	0.25	0.25	ND	PASS
Spiromesifen	0.1899	3.00	3.00	ND	PASS
Spirotetramat	0.0040	0.02	0.02	ND	PASS
Spiroxamine	0.0135	0.10	0.10	ND	PASS
Tebuconazole	0.0158	0.05	0.05	ND	PASS
Tebufenozide	0.0040	0.02	0.02	ND	PASS
Teflubenzuron	0.0153	0.05	0.05	ND	PASS
Tetrachlorvinphos	0.0060	0.02	0.02	ND	PASS
Tetramethrin	0.0164	0.10	0.10	ND	PASS
Thiacloprid	0.0031	0.02	0.02	ND	PASS
Thiamethoxam	0.0035	0.02	0.02	ND	PASS
Thiophanate-methyl	0.0102	0.05	0.05	ND	PASS
Trifloxystrobin	0.0055	0.02	0.02	ND	PASS

Method: LAB-MTD-010 (ISO 17025:2017 Accredited)

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

Authorized by:

Disha Mehta
Quality Control and Release

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HIGH NORTH ID:
00784233
Date: 2025-09-29
Certificate: 1759177582

High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6122
LIC-P4PNJMAC20-2022

Client: Purplefarm Genetics (Fredericton) Inc.
40 Blizzard Street,
Fredericton, NB, E3B 8K1
Name: Roy McIntyre
5062824200
roy@purplefarmgenetics.com

Product: Apple and Bananas
Lot: F25AB00106F
Matrix: Flower
Sub-matrix: Dried Flower
Sampled: 2025-09-22
Received: 2025-09-23
Temperature on Receipt: 22.0°C

Certificate of Analysis

Microbial Culture Analysis

	Result (CFU/g)
Total Yeast and Mold Count	3 X 10^1 CFU/g
Total Aerobic Count	4 X 10^1 CFU/g
Salmonella	Absent in 25g
S.aureus	Absent in 1g
P.aeruginosa	Absent in 1g
E.coli	Absent in 1g
Bile-Tolerant Gram-Negative	<10 MPN/g

Method: MIC-MTD-007

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

Authorized by: Jessica Baraoidan
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