

HIGH NORTH ID:  
00740174  
Date: 2025-07-18  
Certificate: 1752859690



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

Client: Blue Harbour Organics  
251 Simpson Ave,  
Bowmanville, ON, L1C 2J2

Product: Lemonberry  
Lot: LB510001-LL  
Matrix: Oil  
Sub-matrix: Live Rosin  
Sampled: 2025-07-16  
Received: 2025-07-17  
Temperature on Receipt: 22.0°C

## Certificate of Analysis

<b>Cannabinoid Analysis</b>	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			81.2060	812.0594
Total CBD [(CBDA x 0.877) + CBD]			ND	ND
D9-THC	0.1	0.2	54.4821	544.8208
THCA-A	0.1	0.2	30.4719	304.7190
CBGA	0.1	0.2	2.3673	23.6734
CBG	0.1	0.2	0.8341	8.3415
CBCA	0.1	0.2	0.5737	5.7372
THCV	0.1	0.2	0.4229	4.2295
CBC	0.1	0.2	0.3192	3.1917
D8-THC	0.1	0.2	ND	ND
CBCVA	0.1	0.2	ND	ND
CBN	0.1	0.2	ND	ND
THCVA	0.1	0.2	ND	ND
CBCV	0.1	0.2	ND	ND
CBD	0.1	0.2	ND	ND
CBDA	0.1	0.2	ND	ND
CBDV	0.1	0.2	ND	ND
CBDVA	0.1	0.2	ND	ND
<b>Total of all quantified cannabinoids:</b>			89.4712	894.7131
<b>Method:</b> LAB-MTD-020 (ISO 17025:2017 Accredited)				

<b>Terpene Analysis</b>	LOD (%)	LOQ (%)	wt%
(R)-(+)-Limonene	0.0007	0.025	2.9962
Beta-Myrcene	0.0005	0.025	0.9981
Linalool	0.0007	0.025	0.9513
Farnesene*	0.0055	0.050	0.8349
Alpha-Pinene	0.0007	0.025	0.6151
Trans-Caryophyllene	0.0008	0.025	0.5253
(R)-Endo-(+)-Fenchyl Alcohol	0.0010	0.025	0.3206
Alpha-Terpineol	0.0008	0.025	0.3012

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 Barasidan  
Quality Control and Release

ISO 17025:2017  
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Terpene Analysis	LOD (%)	LOQ (%)	wt%
Guaiol	0.0005	0.025	0.2174
Alpha-Bisabolol	0.0008	0.025	0.2167
Beta-Pinene	0.0008	0.025	0.1448
Alpha-Humulene	0.0005	0.025	0.1161
Camphene	0.0017	0.025	0.0948
trans-Nerolidol	0.0006	0.025	0.0650
Ocimene	0.0005	0.025	0.0628
Terpinolene	0.0008	0.025	0.0425
Borneol	0.0007	0.025	0.0418
Squalene	0.0029	0.050	ND
Phytol*	0.0018	0.050	ND
Nootkatone	0.0018	0.025	ND
Farnesol*	0.0016	0.050	ND
Phytane	0.0009	0.025	ND
(+)-Cedrol	0.0006	0.025	ND
Caryophyllene oxide	0.0007	0.025	ND
cis-Nerolidol	0.0015	0.025	ND
Valencene	0.0005	0.025	ND
Eugenol	0.0023	0.025	ND
Alpha-Cedrene	0.0006	0.025	ND
Geranyl acetate	0.0009	0.025	ND
Carvacrol	0.0009	0.025	ND
Thymol	0.0012	0.025	ND
d-Valerolactam (2-piperidone)	0.0012	0.025	ND
(-)-Piperitone	0.0017	0.025	ND
Isobornyl Acetate	0.0018	0.025	ND
Carvone	0.0007	0.025	ND
Pulegone	0.0007	0.025	ND
Verbenone	0.0007	0.025	ND
Citral*	0.0021	0.025	ND
Geraniol	0.0007	0.025	ND
Safranal	0.0004	0.025	ND
Nerol	0.0010	0.025	ND
Citronellol	0.0008	0.025	ND
Octyl Acetate	0.0009	0.025	ND
Terpinen-4-ol	0.0010	0.025	ND
Camphor	0.0008	0.025	ND
Isoborneol	0.0006	0.025	ND
Menthol (Hexahydrothymol)	0.0010	0.025	ND
Menthone*	0.0007	0.025	ND
Isopulegol	0.0007	0.025	ND
Alpha-Thujone	0.0005	0.025	ND
Fenchone	0.0008	0.025	ND
Sabinene Hydrate	0.0010	0.025	ND

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*Barasidan*  
 Jessica Barasidan  
 Quality Control and Release

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<b>Terpene Analysis</b>	LOD (%)	LOQ (%)	wt%
Gamma-Terpinene	0.0007	0.025	ND
Eucalyptol	0.0006	0.025	ND
Cymene*	0.0006	0.025	ND
Alpha-Terpinene	0.0004	0.025	ND
Alpha-Phellandrene	0.0010	0.025	ND
(1S)-3-Carene	0.0009	0.025	ND
Sabinene	0.0009	0.025	ND

**Total of all quantified terpenes:** 8.545

**Method:** LAB-MTD-044 (ISO 17025:2017 Accredited)

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HIGH NORTH ID:  
00684611  
Date: 2025-05-06  
Certificate: 1746541892



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

Client: Blue Harbour Organics  
251 Simpson Ave,  
Bowmanville, ON, L1C 2J2

Product: Lemon Berry  
Lot: LB510001  
Matrix: Flower  
Sub-matrix: Fresh Flower  
Sampled: 2025-04-29  
Received: 2025-04-30  
Temperature on Receipt: 22.0°C

## Certificate of Analysis

HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Abamectin	0.0253	0.25	0.25	ND	PASS
Acephate	0.0096	0.05	0.05	ND	PASS
Acequinocyl	0.0141	0.05	0.05	ND	PASS
Acetamiprid	0.0159	0.05	0.05	ND	PASS
Aldicarb	0.1201	0.50	0.50	ND	PASS
Allethrin	0.0301	0.10	0.10	ND	PASS
Azadirachtin	0.1097	0.50	0.50	ND	PASS
Azoxystrobin	0.0027	0.01	0.01	ND	PASS
Benzovindiflupyr	0.0032	0.01	0.01	ND	PASS
Bifenazate	0.0108	0.05	0.05	ND	PASS
Bifenthrin	0.0125	0.10	0.10	ND	PASS
Boscalid	0.0031	0.01	0.01	ND	PASS
Buprofezin	0.0015	0.01	0.01	ND	PASS
Carbaryl	0.0017	0.025	0.025	ND	PASS
Carbofuran	0.0028	0.01	0.01	ND	PASS
Chlorantraniliprole	0.0031	0.01	0.01	ND	PASS
Chlorfenapyr	0.0300	0.10	0.10	ND	PASS
Chlorpyrifos	0.0024	0.01	0.01	ND	PASS
Clofentezine	0.0033	0.01	0.01	ND	PASS
Clothianidin	0.0069	0.025	0.025	ND	PASS
Coumaphos	0.0033	0.01	0.01	ND	PASS
Cyantraniliprole	0.0032	0.01	0.01	ND	PASS
Cyfluthrin	0.1408	1.00	1.00	ND	PASS
Cypermethrin	0.1358	1.00	1.00	ND	PASS
Cyprodinil	0.0299	0.25	0.25	ND	PASS
Daminozide	0.0039	0.05	0.05	ND	PASS
Deltamethrin	0.1497	1.00	1.00	ND	PASS
Diazinon	0.0027	0.01	0.01	ND	PASS
Dichlorvos	0.0166	0.05	0.05	ND	PASS
Dimethoate	0.0032	0.01	0.01	ND	PASS
Dimethomorph	0.0144	0.05	0.05	ND	PASS

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Ryan Lee  
Quality Control and Release

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HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Dinotefuran	0.0144	0.05	0.05	ND	PASS
Dodemorph	0.0092	0.05	0.05	ND	PASS
Endosulfan-alpha	0.0324	0.10	0.10	ND	PASS
Endosulfan-beta	0.1524	0.50	0.50	ND	PASS
Endosulfan sulfate	0.0822	0.50	0.50	ND	PASS
Ethoprophos	0.0032	0.01	0.01	ND	PASS
Etofenprox	0.0015	0.01	0.01	ND	PASS
Etoxazole	0.0016	0.01	0.01	ND	PASS
Etridiazole	0.0030	0.01	0.01	ND	PASS
Fenoxycarb	0.0026	0.01	0.01	ND	PASS
Fenpyroximate	0.0025	0.02	0.02	ND	PASS
Fensulfothion	0.0026	0.01	0.01	ND	PASS
Fenthion	0.0024	0.01	0.01	ND	PASS
Fenvalerate	0.0190	0.10	0.10	ND	PASS
Fipronil	0.0032	0.01	0.01	ND	PASS
Flonicamid	0.0080	0.025	0.025	ND	PASS
Fludioxonil	0.0026	0.01	0.01	ND	PASS
Fluopyram	0.0030	0.01	0.01	ND	PASS
Hexythiazox	0.0022	0.01	0.01	ND	PASS
Imazalil	0.0029	0.01	0.01	ND	PASS
Imidacloprid	0.0029	0.01	0.01	ND	PASS
Iprodione	0.1662	0.50	0.50	ND	PASS
Kinoprene	0.0153	0.05	0.05	ND	PASS
Kresoxim-methyl	0.0033	0.01	0.01	ND	PASS
Malathion	0.0023	0.01	0.01	ND	PASS
Metalaxyl	0.0021	0.01	0.01	ND	PASS
Methiocarb	0.0022	0.01	0.01	ND	PASS
Methomyl	0.0089	0.05	0.05	ND	PASS
Methoprene	0.2025	1.00	1.00	ND	PASS
Mevinphos	0.0071	0.025	0.025	ND	PASS
MGK-264	0.0103	0.05	0.05	ND	PASS
Myclobutanil	0.0033	0.01	0.01	ND	PASS
Naled	0.0321	0.20	0.20	ND	PASS
Novaluron	0.0063	0.025	0.025	ND	PASS
Oxamyl	0.1661	1.50	1.50	ND	PASS
Paclobutrazol	0.0026	0.01	0.01	ND	PASS
Parathion-methyl	0.0087	0.03	0.03	ND	PASS
Permethrin	0.0545	0.50	0.50	ND	PASS
Phenothrin	0.0065	0.025	0.025	ND	PASS
Phosmet	0.0025	0.01	0.01	ND	PASS
Piperonyl butoxide	0.0131	0.25	0.25	ND	PASS
Pirimicarb	0.0012	0.01	0.01	ND	PASS
Prallethrin	0.0073	0.05	0.05	ND	PASS
Propiconazole	0.0032	0.01	0.01	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
Propoxur	0.0027	0.01	0.01	ND	PASS
Pyraclostrobin	0.0019	0.01	0.01	ND	PASS
Pyrethrins	0.0076	0.025	0.025	ND	PASS
Pyridaben	0.0017	0.025	0.025	ND	PASS
Quintozene	0.0029	0.01	0.01	ND	PASS
Resmethrin	0.0017	0.02	0.02	ND	PASS
Spinetoram	0.0008	0.01	0.01	ND	PASS
Spinosad	0.0026	0.01	0.01	ND	PASS
Spirodiclofen	0.0499	0.25	0.25	ND	PASS
Spiromesifen	0.0091	0.05	0.05	ND	PASS
Spirotetramat	0.0141	0.10	0.10	ND	PASS
Spiroxamine	0.0011	0.01	0.01	ND	PASS
Tebuconazole	0.0032	0.01	0.01	ND	PASS
Tebufenozide	0.0029	0.01	0.01	ND	PASS
Teflubenzuron	0.0049	0.025	0.025	ND	PASS
Tetrachlorvinphos	0.0027	0.01	0.01	ND	PASS
Tetramethrin	0.0075	0.05	0.05	ND	PASS
Thiacloprid	0.0022	0.01	0.01	ND	PASS
Thiamethoxam	0.0025	0.01	0.01	ND	PASS
Thiophanate-methyl	0.0037	0.03	0.03	ND	PASS
Trifloxystrobin	0.0009	0.01	0.01	ND	PASS

**Method:** LAB-MTD-048

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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

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Quality Control and Release

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HIGH NORTH ID:  
00720447  
Date: 2025-06-24  
Certificate: 1750785774



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

Client: Blue Harbour Organics  
251 Simpson Ave,  
Bowmanville, ON, L1C 2J2

Product: Lemonberry  
Lot: LB510001-EX  
Matrix: Oil  
Sub-matrix: Rosin  
Sampled: 2025-06-17  
Received: 2025-06-18  
Temperature on Receipt: 22.0°C

## Certificate of Analysis

<b>Mycotoxin Analysis</b>	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	Status
Aflatoxin-B1	0.4000	2	2	ND	PASS
Aflatoxin-B2	0.4000	2		ND	
Aflatoxin-G1	0.3000	2		ND	
Aflatoxin-G2	0.5000	2		ND	

**Sum of Aflatoxins:**

4 0 PASS

**Method:** LAB-MTD-046 (ISO 17025:2017 Accredited)

Ochratoxin-A	1.7000	20	20	ND	PASS
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**Method:** LAB-MTD-046 (ISO 17025:2017 Accredited)

<b>Microbial Analysis</b>	LOD (CFU/g)	RL (CFU/g)	Result (CFU/g)	Status
Total Yeast and Mold Count	10	20	< 10	PASS
Total Aerobic Count	10	200	< 10	PASS
S.aureus/P.aeruginosa			Absent in 1g	PASS
Bile-Tolerant Gram-Negative			Absent in 1g	PASS

**Method:** MIC-MTD-001 (ISO 17025:2017 Accredited), MIC-MTD-012 (ISO 17025:2017 Accredited)

<b>Heavy Metals Analysis</b>	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.009	0.20	0.2	ND	PASS
Cadmium	0.004	0.05	0.3	ND	PASS
Lead	0.023	0.43	0.5	ND	PASS
Mercury	0.007	0.05	0.1	ND	PASS

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

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