

HIGH NORTH ID:
00881446
Date: 2026-02-06
Certificate: 1770398871



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: LMB0002-EX
Matrix: Extracts
Sub-matrix: Rosin
Sampled: 2026-02-02
Received: 2026-02-03
Temperature on Receipt: 22.0°C

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			74.8829	748.8288
Total CBD [(CBDA x 0.877) + CBD]			0.1983	1.9828
THCA-A	0.1	0.2	84.4830	844.8295
CBGA	0.1	0.2	2.4407	24.4070
D9-THC	0.1	0.2	0.7913	7.9133
THCVA	0.1	0.2	0.6950	6.9496
CBCA	0.1	0.2	0.5838	5.8377
CBDA	0.1	0.2	0.2261	2.2609
CBG	0.1	0.2	0.2242	2.2424
CBC	0.1	0.2	ND	ND
D8-THC	0.1	0.2	ND	ND
CBCVA	0.1	0.2	ND	ND
CBN	0.1	0.2	ND	ND
CBCV	0.1	0.2	ND	ND
THCV	0.1	0.2	ND	ND
CBD	0.1	0.2	ND	ND
CBDV	0.1	0.2	ND	ND
CBDVA	0.1	0.2	ND	ND
Total of all quantified cannabinoids:			89.4441	894.4404
Method: LAB-MTD-020 (ISO 17025:2017 Accredited)				

Terpene Analysis	LOD (%)	LOQ (%)	wt%
(R)-(+)-Limonene	0.0007	0.025	2.5468
Linalool	0.0007	0.025	1.1023
Beta-Myrcene	0.0005	0.025	1.0012
Farnesene*	0.0055	0.050	0.8795
Trans-Caryophyllene	0.0008	0.025	0.5744
Beta-Pinene	0.0008	0.025	0.3744
Alpha-Pinene	0.0007	0.025	0.2983
(R)-Endo-(+)-Fenchyl Alcohol	0.0010	0.025	0.2757

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

ISO 17025:2017
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Terpene Analysis	LOD (%)	LOQ (%)	wt%
Alpha-Terpineol	0.0008	0.025	0.2471
Guaiol	0.0005	0.025	0.2376
Alpha-Bisabolol	0.0008	0.025	0.1726
Alpha-Humulene	0.0005	0.025	0.1339
trans-Nerolidol	0.0006	0.025	0.0871
Camphene	0.0017	0.025	0.0757
Ocimene	0.0005	0.025	0.0577
Farnesol*	0.0016	0.050	BLQ
Borneol	0.0007	0.025	0.0306
Terpinolene	0.0008	0.025	0.0291
Fenchone	0.0008	0.025	BLQ
Geraniol	0.0007	0.025	BLQ
Caryophyllene oxide	0.0007	0.025	BLQ
Citronellol	0.0008	0.025	BLQ
Squalene	0.0029	0.050	ND
Phytol*	0.0018	0.050	ND
Nootkatone	0.0018	0.025	ND
Phytane	0.0009	0.025	ND
(+)-Cedrol	0.0006	0.025	ND
cis-Nerolidol	0.0015	0.025	ND
Valencene	0.0005	0.025	ND
Eugenol	0.0023	0.025	ND
Alpha-Cedrene	0.0006	0.025	ND
Geranyl acetate	0.0009	0.025	ND
Carvacrol	0.0009	0.025	ND
Thymol	0.0012	0.025	ND
d-Valerolactam (2-piperidone)	0.0012	0.025	ND
(-)-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
Safranal	0.0004	0.025	ND
Nerol	0.0010	0.025	ND
Octyl Acetate	0.0009	0.025	ND
Terpinen-4-ol	0.0010	0.025	ND
Camphor	0.0008	0.025	ND
Isoborneol	0.0006	0.025	ND
Menthol (Hexahydrothymol)	0.0010	0.025	ND
Menthone*	0.0007	0.025	ND
Isopulegol	0.0007	0.025	ND
Alpha-Thujone	0.0005	0.025	ND
Sabinene Hydrate	0.0010	0.025	ND

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Terpene Analysis	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: 8.124

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

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

Sum of Aflatoxins: 4 0 PASS

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)

Microbial Analysis	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)

Heavy Metals Analysis	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	BLQ	PASS

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

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HIGH NORTH ID:
00862802
Date: 2026-01-14
Certificate: 1768432586



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: LB510004
Matrix: Flower
Sub-matrix: Fresh Flower
Sampled: 2026-01-07
Received: 2026-01-08
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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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

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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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