

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

Cannabinoid Analysis	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
Total of all quantified cannabinoids:			89.4712	894.7131
Method: LAB-MTD-020 (ISO 17025:2017 Accredited)				

Terpene Analysis	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

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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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**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:

8.545

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

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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

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	ND	PASS

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

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Authorized by:


Ebai Achare
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