



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


Product: Lemonberry  
Lot: LB510002-EX (LR0007)  
Matrix: Oil  
Sub-matrix: Rosin  
Sampled: 2025-07-29  
Received: 2025-07-30  
Temperature on Receipt: 22.1°C

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			75.6918	756.9182
Total CBD [(CBDA x 0.877) + CBD]			BLQ	BLQ
THCA-A	0.1	0.2	85.1656	851.6563
CBGA	0.1	0.2	2.4435	24.4349
D9-THC	0.1	0.2	1.0016	10.0156
CBCA	0.1	0.2	0.6080	6.0795
THCVA	0.1	0.2	0.5982	5.9821
CBDA	0.1	0.2	BLQ	BLQ
CBG	0.1	0.2	BLQ	BLQ
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:			89.8169	898.1684
Method: LAB-MTD-020 (ISO 17025:2017 Accredited)				

Terpene Analysis	LOD (%)	LOQ (%)	wt%
(R)-(+)-Limonene	0.0007	0.025	3.1028
Beta-Myrcene	0.0005	0.025	1.4096
Linalool	0.0007	0.025	1.0813
Farnesene*	0.0055	0.050	0.6242
Trans-Caryophyllene	0.0008	0.025	0.4900
Alpha-Pinene	0.0007	0.025	0.3870
Beta-Pinene	0.0008	0.025	0.3863
Alpha-Terpeneol	0.0008	0.025	0.2742

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:   
Ryan Lee  
Quality Control and Release

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Terpene Analysis

	LOD (%)	LOQ (%)	wt%
(R)-Endo-(+)-Fenchyl Alcohol	0.0010	0.025	0.2563
Guaiol	0.0005	0.025	0.2384
Alpha-Bisabolol	0.0008	0.025	0.2129
Alpha-Humulene	0.0005	0.025	0.1109
Ocimene	0.0005	0.025	0.0873
trans-Nerolidol	0.0006	0.025	0.0753
Camphene	0.0017	0.025	0.0744
Terpinolene	0.0008	0.025	0.0360
Farnesol*	0.0016	0.050	BLQ
Borneol	0.0007	0.025	0.0305
Caryophyllene oxide	0.0007	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
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: 8.877

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

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

Product: Lemonberry  
Lot: LB510002-EX  
Matrix: Oil  
Sub-matrix: Rosin  
Sampled: 2025-07-14  
Received: 2025-07-15  
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

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	2	20	< 2	PASS
Total Aerobic Count	12	200	< 12	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:

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