



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


Product: Blockberry
Lot: BB418006-EX (LR0004)
Matrix: Oil
Sub-matrix: Live Rosin
Sampled: 2025-05-06
Received: 2025-05-07
Temperature on Receipt: 22.2°C

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			81.4136	814.1360
Total CBD [(CBDA x 0.877) + CBD]			0.2020	2.0198
THCA-A	0.1	0.2	92.3244	923.2437
CBGA	0.1	0.2	3.4159	34.1591
CBCA	0.1	0.2	0.6154	6.1544
D9-THC	0.1	0.2	0.4451	4.4513
THCVA	0.1	0.2	0.4026	4.0255
CBDA	0.1	0.2	0.2303	2.3031
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:			97.4337	974.3371
Method: LAB-MTD-020 (ISO 17025:2017 Accredited)				

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Beta-Myrcene	0.0005	0.025	2.5
(R)-(+)-Limonene	0.0007	0.025	1.5866
Trans-Caryophyllene	0.0008	0.025	0.7655
Linalool	0.0007	0.025	0.4214
Farnesene*	0.0055	0.050	0.3321
Guaiol	0.0005	0.025	0.2565
Beta-Pinene	0.0008	0.025	0.1931
Alpha-Humulene	0.0005	0.025	0.1836

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: 
Dwiti Desai
Quality Control and Release

ISO 17025:2017
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Terpene Analysis

	LOD (%)	LOQ (%)	wt%
Alpha-Bisabolol	0.0008	0.025	0.1618
Alpha-Pinene	0.0007	0.025	0.1344
Alpha-Terpineol	0.0008	0.025	0.1270
(R)-Endo-(+)-Fenchyl Alcohol	0.0010	0.025	0.1140
Camphene	0.0017	0.025	0.0357
Terpinolene	0.0008	0.025	BLQ
Borneol	0.0007	0.025	BLQ
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
trans-Nerolidol	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
Gamma-Terpinene	0.0007	0.025	ND

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Terpene Analysis

	LOD (%)	LOQ (%)	wt%
Eucalyptol	0.0006	0.025	ND
Cymene*	0.0006	0.025	ND
Ocimene	0.0005	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: 6.812

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

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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	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	0.067	0.2	0.2	ND	PASS
Cadmium	0.008	0.05	0.3	ND	PASS
Lead	0.010	0.50	0.5	ND	PASS
Mercury	0.003	0.05	0.1	ND	PASS

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

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