



PPB Analytical Inc.

30 Tempo Ave, Toronto, ON M2H 2N8 (647)-812-5296
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Certificate of Analysis

Client Name Mountain Land Cannabis
Client Address 75 Spruce St East, Aylmer, Ontario N5H 0A1
Client Contact Lucia Wang (lucia.wang@mountain-land.com)

PPB Analytical Sample ID 3023_0230
Sample Receiving Date Jul. 06, 2023
Sample Registration Date Jul. 06, 2023
Receiving Condition Ambient
Client Sample Code# BUR2305-R3 B1
Sample Description# Buckin Runtz
Sample size 15 g
Test Report Date Jul. 10, 2023

Cannabinoid Profile

Total THC	28.25	%(w/w)
Total CBD	0.14	%(w/w)

Analyte	Specification	LOD ^{##} % (w/w)	LOQ ^{##} % (w/w)	Result mg/g	Result % (w/w)
CBDVA	Report	0.002	0.005	ND	ND
CBDV	Report	0.004	0.013	ND	ND
CBDA	Report	0.002	0.006	1.571	0.16
CBGA	Report	0.002	0.005	6.988	0.70
CBG	Report	0.004	0.011	1.560	0.16
CBD	Report	0.004	0.012	ND	ND
THCV	Report	0.004	0.012	ND	ND
THCVA	Report	0.002	0.005	1.971	0.20
CBN	Report	0.004	0.012	ND	ND
Delta-9-THC	Report	0.004	0.011	12.612	1.26
Delta-8-THC	Report	0.004	0.012	ND	ND
CBC	Report	0.003	0.009	ND	ND
Delta-9-THCA	Report	0.003	0.008	307.747	30.77
CBCA	Report	0.002	0.006	3.264	0.33
Total THC**	Report	0.004	0.011	282.507	28.25
Total CBD***	Report	0.004	0.012	1.377	0.14

** Total THC = delta9-THC + 0.877 × THCA-A; *** Total CBD = CBD + 0.877 × CBDA

ND = Not Detected (< LOD)

Method: TM-CA-002

Analysis Date: Jul. 07, 2023 – Jul. 10, 2023

Test Report #: 202307024-01

PPB Analytical Sample ID: 3023_0230

Page 1 of 2



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* RDL = Reporting Detection Limit; ATL (NMT) = Action Level (Not More Than)

LOQ = Limit of Quantification; LOD = Limit of Detection

Results shown in this report relate solely to the item submitted for analysis. Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. All results are reported on an "As Received" basis unless otherwise stated. PPB Analytical Inc. is responsible for all the information provided in the report, except when information is provided by the customer (marked as #). Reports shall not be reproduced except in full without written permission of PPB Analytical Inc. all work done in accordance with PPB Analytical Inc. Terms and Conditions. For further details about the performing labs, please contact customer service at PPB Analytical Inc.

Signature:

Cheuk Kuen (Isaac) Lai

Title:

Quality Assurance Manager

PPB Analytical, Inc.



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Client Address 75 Spruce St East, Aylmer, Ontario N5H 0A1
Client Contact Lucia Wang (lucia.wang@mountain-land.com)

PPB Analytical Sample ID 3023_0230
Sample Receiving Date Jun. 19, 2023
Sample Registration Date Jun. 19, 2023
Receiving Condition Ambient
Client Sample Code# BUR
Sample Description# Buckin Runtz
Sample size 35 g
Test Report Date Jun. 23, 2023

Heavy metals					
Analyte	ATL (NMT)*	LOD ^{##}	LOQ ^{##}	Result	Unit
Arsenic	1.5	0.033	0.11	ND	ppm
Cadmium	0.5	0.018	0.06	ND	ppm
Mercury	3	0.023	0.078	ND	ppm
Lead	0.5	0.051	0.17	ND	ppm
ND = Not detected (< LOD) Method: TM-CA-008 Analysis Date: Jun. 22, 2023 – Jun. 22, 2023					

Mycotoxins					
Analyte	ATL (NMT)*	LOD ^{##}	LOQ ^{##}	Result	Unit
Aflatoxin B1	2	0.1	1	ND	ppb
Aflatoxin B2	Report	0.1	1	ND	ppb
Aflatoxin G1	Report	0.1	1	ND	ppb
Aflatoxin G2	Report	0.1	1	ND	ppb
Total Aflatoxins(B1+B2+G1+G2)	4			ND	ppb
Ochratoxin A	20	0.1	1.3	ND	ppb
ND = Not detected (< LOD) Method: TM-CA-004 Analysis Date: Jun. 21, 2023 – Jun. 22, 2023					

Pesticides – Health Canada					
Analyte	ATL (NMT)*	LOD ^{##}	LOQ ^{##}	Result	Unit
Abamectin	0.1	0.05	0.1	ND	ppm
Acephate	0.02	0.005	0.01	ND	ppm



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Acequinocyl	0.03	0.005	0.01	ND	ppm
Acetamiprid	0.1	0.005	0.01	ND	ppm
Aldicarb	1	0.01	0.05	ND	ppm
Allethrin	0.2	0.05	0.1	ND	ppm
Azadirachtin	1	0.2	0.5	ND	ppm
Azoxystrobin	0.02	0.005	0.01	ND	ppm
Benzovindiflupyr	0.02	0.005	0.01	ND	ppm
Bifenazate	0.02	0.005	0.01	ND	ppm
Bifenthrin	1	0.01	0.05	ND	ppm
Boscalid	0.02	0.005	0.01	ND	ppm
Buprofezin	0.02	0.005	0.01	ND	ppm
Carbaryl	0.05	0.005	0.01	ND	ppm
Carbofuran	0.02	0.005	0.01	ND	ppm
Chlorantraniliprole	0.02	0.005	0.01	ND	ppm
Chlorphenapyr	0.05	0.01	0.05	ND	ppm
Chlorpyrifos	0.04	0.005	0.01	ND	ppm
Clofentezine	0.02	0.005	0.01	ND	ppm
Clothianidin	0.05	0.005	0.01	ND	ppm
Coumaphos	0.02	0.005	0.01	ND	ppm
Cyantraniliprole	0.02	0.005	0.01	ND	ppm
Cyfluthrin	0.2	0.05	0.2	ND	ppm
Cypermethrin	0.3	0.05	0.2	ND	ppm
Cyprodinil	0.25	0.005	0.01	ND	ppm
Daminozide	0.1	0.01	0.05	ND	ppm
Deltamethrin	0.5	0.05	0.2	ND	ppm
Diazinon	0.02	0.005	0.01	ND	ppm
Dichlorvos	0.1	0.005	0.01	ND	ppm
Dimethoate	0.02	0.005	0.01	ND	ppm
Dimethomorph	0.05	0.005	0.01	ND	ppm
Dinotefuran	0.1	0.005	0.01	ND	ppm
Dodemorph	0.05	0.005	0.01	ND	ppm
Endosulfan sulfate	0.05	0.01	0.05	ND	ppm
Endosulfan-alpha	0.2	0.05	0.1	ND	ppm
Endosulfan-beta	0.05	0.01	0.05	ND	ppm
Ethoprophos	0.02	0.005	0.01	ND	ppm
Etofenprox	0.05	0.005	0.01	ND	ppm
Etoxazole	0.02	0.005	0.01	ND	ppm
Etridiazole	0.03	0.005	0.01	ND	ppm
Fenoxycarb	0.02	0.005	0.01	ND	ppm
Fenpyroximate	0.02	0.005	0.01	ND	ppm
Fensulfthion	0.02	0.005	0.01	ND	ppm
Fenthion	0.02	0.005	0.01	ND	ppm

Test Report #: 202306070-02

PPB Analytical Sample ID: 3023_0230

Page 2 of 6



PPB Analytical Inc.

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Fenvalerate	0.1	0.01	0.05	ND	ppm
Fipronil	0.06	0.005	0.01	ND	ppm
Flonicamid	0.05	0.005	0.01	ND	ppm
Fludioxonil	0.02	0.005	0.01	ND	ppm
Fluopyram	0.02	0.005	0.01	ND	ppm
Hexythiazox	0.01	0.005	0.01	ND	ppm
Imazalil	0.05	0.005	0.01	ND	ppm
Imidacloprid	0.02	0.005	0.01	ND	ppm
Iprodione	1	0.05	0.2	ND	ppm
Kinoprene	0.5	0.01	0.05	ND	ppm
Kresoxim-methyl	0.02	0.005	0.01	ND	ppm
Malathion	0.02	0.005	0.01	ND	ppm
Metalaxyl	0.02	0.005	0.01	ND	ppm
Methiocarb	0.02	0.005	0.01	ND	ppm
Methomyl	0.05	0.005	0.01	ND	ppm
Methoprene	2	0.2	0.5	ND	ppm
Mevinphos	0.05	0.005	0.01	ND	ppm
MGK-264	0.05	0.005	0.01	ND	ppm
Myclobutanil	0.02	0.005	0.01	ND	ppm
Naled	0.1	0.05	0.1	ND	ppm
Novaluron	0.05	0.005	0.01	ND	ppm
Oxamyl	3	0.05	0.2	ND	ppm
Paclobutrazol	0.02	0.005	0.01	ND	ppm
Parathion-methyl	0.05	0.005	0.01	ND	ppm
Permethrin	0.5	0.05	0.2	ND	ppm
Phenothrin	0.05	0.005	0.01	ND	ppm
Phosmet	0.02	0.005	0.01	ND	ppm
Piperonyl butoxide	0.2	0.005	0.01	ND	ppm
Pirimicarb	0.02	0.005	0.01	ND	ppm
Prallethrin	0.05	0.01	0.05	ND	ppm
Propiconazole	0.1	0.005	0.01	ND	ppm
Propoxur	0.02	0.005	0.01	ND	ppm
Pyraclostrobin	0.02	0.005	0.01	ND	ppm
Pyrethrins	0.05	0.005	0.01	ND	ppm
Pyridaben	0.05	0.005	0.01	ND	ppm
Quintozene	0.02	0.005	0.01	ND	ppm
Resmethrin	0.1	0.01	0.02	ND	ppm
Spinetoram	0.02	0.005	0.01	ND	ppm
Spinosad	0.1	0.005	0.01	ND	ppm
Spirodiclofen	0.25	0.05	0.2	ND	ppm
Spiromesifen	3	0.01	0.05	ND	ppm

Test Report #: 202306070-02

PPB Analytical Sample ID: 3023_0230

Page 3 of 6



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Spirotetramat	0.02	0.005	0.01	ND	ppm
Spiroxamine	0.1	0.005	0.01	ND	ppm
Tebuconazole	0.05	0.005	0.01	ND	ppm
Tebufenozide	0.02	0.005	0.01	ND	ppm
Teflubenzuron	0.05	0.005	0.01	ND	ppm
Tetrachlorvinphos	0.02	0.005	0.01	ND	ppm
Tetramethrin	0.1	0.005	0.01	ND	ppm
Thiacloprid	0.02	0.005	0.01	ND	ppm
Thiamethoxam	0.02	0.005	0.01	ND	ppm
Thiophanate-methyl	0.05	0.005	0.01	ND	ppm
Trifloxystrobin	0.02	0.005	0.01	ND	ppm
ND = Not Detected (< LOD)					
Method: TM-CA-001					
Analysis Date: Jun. 21, 2023 – Jun. 22, 2023					

Terpene Profile

1.307 % (w/w)

Total Terpene

Analyte	Specification	LOD ^{##}	LOQ ^{##}	Result	Unit
alpha-Pinene	Report	0.0025	0.005	0.029	% (w/w)
Camphene	Report	0.0025	0.005	0.018	% (w/w)
Sabinene	Report	0.0025	0.005	ND	% (w/w)
(-)-beta-Pinene	Report	0.0025	0.005	0.050	% (w/w)
beta-Myrcene	Report	0.0025	0.005	0.045	% (w/w)
R(-)-alpha-Phellandrene	Report	0.0025	0.005	ND	% (w/w)
(IS)-(+)-3-Carene	Report	0.0025	0.005	ND	% (w/w)
alpha-Terpinene	Report	0.0025	0.005	0.020	% (w/w)
m-Isopropyltoluene	Report	0.0025	0.005	ND	% (w/w)
p-Isopropyltoluene (p-Cymene)	Report	0.0025	0.005	ND	% (w/w)
d-Limonene	Report	0.0025	0.005	0.150	% (w/w)
Eucalyptol	Report	0.0025	0.005	ND	% (w/w)
o-Isopropyltoluene	Report	0.0025	0.005	ND	% (w/w)
Ocimene	Report	0.0025	0.005	0.032	% (w/w)
gamma-Terpinene	Report	0.0025	0.005	ND	% (w/w)
Sabinene Hydrate	Report	0.0025	0.005	ND	% (w/w)
Terpinolene+(1R)-(-)-Fenchone	Report	0.0025	0.005	0.017	% (w/w)
Linalool	Report	0.0025	0.005	0.139	% (w/w)
(-)-alpha-Thujone	Report	0.0025	0.005	ND	% (w/w)
(1R)-endo-(+)-Fenchyl alcohol	Report	0.0025	0.005	0.070	% (w/w)
(-)-Isopulegol+Camphor	Report	0.0025	0.005	ND	% (w/w)

Test Report #: 202306070-02

PPB Analytical Sample ID: 3023_0230

Page 4 of 6



PPB Analytical Inc.

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Menthone	Report	0.0025	0.005	ND	% (w/w)
Isoborneol	Report	0.0025	0.005	ND	% (w/w)
L(-)-Borneol+ (+)-Borneol	Report	0.0025	0.005	0.058	% (w/w)
Menthol	Report	0.0025	0.005	ND	% (w/w)
d-Valerolactam	Report	0.0025	0.005	ND	% (w/w)
Terpinene-4-ol	Report	0.0025	0.005	0.051	% (w/w)
alpha-Terpineol	Report	0.0025	0.005	0.067	% (w/w)
Safranal	Report	0.0025	0.005	ND	% (w/w)
Octyl acetate	Report	0.0025	0.005	0.011	% (w/w)
(-)-Verbenone	Report	0.0025	0.005	ND	% (w/w)
Citronellol	Report	0.0025	0.005	ND	% (w/w)
Nerol	Report	0.0025	0.005	ND	% (w/w)
(R)-(+)-Pulegone	Report	0.0025	0.005	ND	% (w/w)
(S)-(+)-Carvone	Report	0.0025	0.005	ND	% (w/w)
Geraniol	Report	0.0025	0.005	0.037	% (w/w)
Piperitone	Report	0.0025	0.005	ND	% (w/w)
Citral	Report	0.0025	0.005	ND	% (w/w)
Thymol	Report	0.0025	0.005	ND	% (w/w)
Isobornyl acetate	Report	0.0025	0.005	ND	% (w/w)
Carvacrol	Report	0.0025	0.005	ND	% (w/w)
Geranyl Acetate	Report	0.0025	0.005	ND	% (w/w)
(-)-a-Cedrene	Report	0.0025	0.005	ND	% (w/w)
beta-Caryophyllene	Report	0.0025	0.005	0.203	% (w/w)
trans-beta-Farnesene	Report	0.0025	0.005	0.102	% (w/w)
alpha-Humulene	Report	0.0025	0.005	0.080	% (w/w)
Valencene	Report	0.0025	0.005	ND	% (w/w)
cis-Nerolidol	Report	0.0025	0.005	ND	% (w/w)
trans-Nerolidol	Report	0.0025	0.005	0.049	% (w/w)
(-)-Caryophyllene oxide	Report	0.0025	0.005	0.037	% (w/w)
(-)-Guaiol	Report	0.0025	0.005	ND	% (w/w)
Cedrol	Report	0.0025	0.005	ND	% (w/w)
(-)-alpha-Bisabolol	Report	0.0025	0.005	0.044	% (w/w)
Farnesol-1	Report	0.0025	0.005	ND	% (w/w)
Farnesol-2	Report	0.0025	0.005	ND	% (w/w)
Phytane	Report	0.0025	0.005	ND	% (w/w)
(+)-Nootkatone	Report	0.0025	0.005	ND	% (w/w)
Squalene	Report	0.0025	0.005	ND	% (w/w)
Total Terpene	Report			1.307	% (w/w)
ND = Not Detected (< LOD)					
Method: TM-CA-005					
Analysis Date: Jun. 21, 2023 – Jun. 22, 2023					

Test Report #: 202306070-02

PPB Analytical Sample ID: 3023_0230

Page 5 of 6



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LOQ = Limit of Quantification; LOD = Limit of Detection

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Signature:

Cheuk Kuen (Isaac) Lai

Title:

Quality Assurance Manager

PPB Analytical, Inc.