



PPB Analytical Inc.

30 Tempo Ave, Toronto, ON M2H 2N8 (647)-812-5296
info@ppbanalytical.com | https://ppbanalytical.com/

Certificate of Analysis

Client Name	Western Cannabis Ltd		
Client Address	2303 Emmett Hall Rd, Regina, Saskatchewan, S4N 2Y3		
Client Contact	Lana Ricci (qap@westcann.ca)		
PPB Analytical Sample ID	3025_1777	Sample Receiving Date	Apr. 09, 2025
Receiving Condition	Ambient	Sample Registration Date	Apr. 09, 2025
Sample Size [#]	2 g	Test Report Date	Apr. 14, 2025
Sample Matrix [#]	Extracts		
Sample Code [#]	LVHMXCX2501		
Sample Description [#]	LVHMXCX2501		

Cannabinoid Profile

Total THC	83.010	% (w/w)
Total CBD	ND	% (w/w)

Analyte	Specification	LOD ^{##} % (w/w)	LOQ ^{##} % (w/w)	Result mg/g	Result % (w/w)
CBDVA	Report	0.004	0.010	ND	ND
CBDV	Report	0.004	0.010	ND	ND
CBDA	Report	0.004	0.010	ND	ND
CBGA	Report	0.004	0.010	11.0747	1.107
CBG	Report	0.004	0.010	3.5155	0.352
CBD	Report	0.004	0.010	ND	ND
THCV	Report	0.004	0.010	ND	ND
THCVA	Report	0.004	0.010	4.0255	0.403
CBN	Report	0.004	0.010	ND	ND
Delta-9-THC	Report	0.004	0.010	35.0455	3.505
Delta-8-THC	Report	0.004	0.010	ND	ND
CBC	Report	0.004	0.010	ND	ND
Delta-9-THCA	Report	0.004	0.010	906.5574	90.656
CBCA	Report	0.010	0.020	ND	ND
Total THC ^{**}	Report			830.0964	83.010
Total CBD ^{***}	Report			ND	ND

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

ND = Not Detected (< LOD)

Method: TM-CA-002

Analysis Date: Apr. 09, 2025 – Apr. 11, 2025

Test Report #: 202504176-01

PPB Analytical Sample ID: 3025_1777

Page 1 of 2



PPB Analytical Inc.

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

LOQ = Limit of Quantification; LOD = Limit of Detection

Health Canada and/or United States and/or European Union MRLs are taken from Health Canada & Global Database (where applicable) on the preparation date of this report. 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. The decision rule applied in determining conformity is based on the requested specification or standard. For further details about the performing labs, please contact customer service at PPB Analytical Inc.

Signature:

Digitally signed by Jade
Dhalle Encarnacion
Date: 2025.04.14
15:26:30 -04'00'

Jade Dhalle P. Encarnacion

Title:

Quality Assurance Associate



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Certificate of Analysis

Client Name	Western Cannabis Ltd		
Client Address	2303 Emmett Hall Rd, Regina, Saskatchewan, S4N 2Y3		
Client Contact	Lana Ricci (qap@westcann.ca)		
PPB Analytical Sample ID	3025_1339	Sample Receiving Date	Mar. 26, 2025
Receiving Condition	Ambient	Sample Registration Date	Mar. 26, 2025
Sample Size [#]	2 + 15 g	Test Report Date	Apr. 15, 2025
Sample Matrix [#]	Extracts		
Sample Code [#]	LVMIXCX2501		
Sample Description [#]	LVMIXCX2501		

Microbial Scan				
Analyte	ATL*	RDL*	Result	Unit
Total Aerobic Microbial Count	NMT 200 000	< 5	< 5	CFU/g
Method: USP <2021>				
Analysis Date: Mar. 26, 2025 – Mar. 29, 2025				
Total Combined Yeasts and Molds	NMT 20 000	< 5	10	CFU/g
Method: USP <2021>				
Analysis Date: Mar. 26, 2025 – Mar. 31, 2025				
Bile Tolerant Gram Negatives	NMT 10 000	< 10	< 10	CFU/g
Method: USP <2021>				
Analysis Date: Mar. 26, 2025 – Mar. 28, 2025				
<i>Salmonella spp.</i>	Absent	Absent	Absent	in 10 g
Method: USP <2022>				
Analysis Date: Mar. 26, 2025 – Mar. 29, 2025				
<i>Escherichia coli</i>	Absent	Absent	Absent	in 1 g
Method: USP <2022>				
Analysis Date: Mar. 26, 2025 – Mar. 29, 2025				
<i>Staphylococcus aureus</i>	Absent	Absent	Absent	in 1 g
Method: USP <62>				
Analysis Date: Mar. 26, 2025 – Mar. 29, 2025				
<i>Pseudomonas aeruginosa</i>	Absent	Absent	Absent	in 1 g
Method: USP <62>				
Analysis Date: Mar. 26, 2025 – Mar. 29, 2025				

Test Report #: 202503525-01

PPB Analytical Sample ID: 3025_1339



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Cannabinoid Profile

Total THC	79.782	% (w/w)
Total CBD	ND	% (w/w)

Analyte	Specification	LOD ^{##} % (w/w)	LOQ ^{##} % (w/w)	Result mg/g	Result % (w/w)
CBDVA	Report	0.004	0.010	ND	ND
CBDV	Report	0.004	0.010	ND	ND
CBDA	Report	0.004	0.010	ND	ND
CBGA	Report	0.004	0.010	16.7818	1.678
CBG	Report	0.004	0.010	5.4097	0.541
CBD	Report	0.004	0.010	ND	ND
THCV	Report	0.004	0.010	ND	ND
THCVA	Report	0.004	0.010	4.3238	0.432
CBN	Report	0.004	0.010	ND	ND
Delta-9-THC	Report	0.004	0.010	54.6496	5.465
Delta-8-THC	Report	0.004	0.010	ND	ND
CBC	Report	0.004	0.010	4.7384	0.474
Delta-9-THCA	Report	0.004	0.010	847.4038	84.740
CBCA	Report	0.010	0.020	ND	ND
Total THC**	Report			797.8226	79.782
Total CBD***	Report			ND	ND

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

ND = Not Detected (< LOD)

Method: TM-CA-002

Analysis Date: Mar. 26, 2025 – Mar. 27, 2025

Test Report #: 202503525-01

PPB Analytical Sample ID: 2025_1339

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PPB Analytical Inc.

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LOQ = Limit of Quantification; LOD = Limit of Detection

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Signature:

Digitally signed by Jade
Dhalle Encarnacion
Date: 2025.04.15
10:17:02 -04'00'

Jade Dhalle P. Encarnacion

Title:

Quality Assurance Associate

Certificate of Analysis

Sample # 2025-0264

Lot # BHO109

Client:

Attn:

Sample Type:

Lot Number:

BioScision Sample #

Head of Laboratory:

Report Summary

Total THC	87.69 % w/w	Heavy Metals	Not Detected
Total CBD	< 0.05 % w/w	Pesticides	Not Detected
Total Cannabinoids	>99.99 % w/w	Aflatoxins	Not Detected
		Microbiology	Not Detected
		Residual Solvents	Detected - Within Specification



Photographed By: SR On: 14-Feb-2025

	Technical Content Reviewed and Approved By:	 Dr. Brent Guppy, Head of Laboratory
	Certificate of Analysis Reviewed and Released By:	 Dr. Brent Guppy, Head of Laboratory
	Date (DD-MMM-YYYY):	14-Feb-2025

Certificate of Analysis

Sample # 2025-0264

Lot # BHO109

BioScision Pharma Inc.
26 Henlow Bay,
Winnipeg, MB R3Y 1G4
testing@bioscisionslabs.com

Test	Method	Specification		Result		
Cannabinoid Potency						
		LOD (%w/w)	LOQ (%w/w)	Analyte	mg/g	%w/w
THC / CBD	SOP-QCA-012	0.05	0.10	THC	< 0.5	< 0.05
		0.05	0.10	THCA	999.9	>99.99
Other Cannabinoids	HPLC-UV	0.05	0.10	CBD	< 0.5	< 0.05
		0.05	0.10	CBDA	< 0.5	< 0.05
		0.05	0.10	CBDV	< 0.5	< 0.05
		0.05	0.10	CBGA	1.8	0.18
		0.05	0.10	CBG	< 0.5	< 0.05
		0.05	0.10	THCV	< 0.5	< 0.05
		0.05	0.10	CBN	< 0.5	< 0.05
		0.05	0.10	CBC	< 0.5	< 0.05
Total Cannabinoids		Total THC			876.9	87.69
		Total CBD			< 0.5	< 0.05
		Total Cannabinoid			>999.9	>99.99
		Total THC = ([THCA] × 0.877) + [THC]				
		Total CBD = ([CBDA] × 0.877) + [CBD]				
Analysis Performed By: AP		On: 12-Feb-2025				



Certificate of Analysis

Sample # 2025-0264
Lot # BHO109

BioScision Pharma Inc.
26 Henlow Bay,
Winnipeg, MB R3Y 1G4
testing@bioscisionslabs.com

testing@blossommass.com

Test	Method	Specification	Result
Foreign Material			
Visual Inspection - Macro & Microscopic	SOP-QCA-020 EP 2.8.2 USP <516>	The sample is visually inspected to ensure it is essentially free of hair, insects and other solids.	Diamonds inspected and free of foreign material.
% Foreign Material		Percent foreign matter quantified to ensure ≤ 5% cannabis stems and ≤ 2% other foreign organic matter	0% foreign organic matter identified
Analysis Performed By: SR On: 14-Feb-2025			

Test	Method	Specification			Result	
Microbiology						
S. aureus	SOP-QCA-017 AOAC	Absent in 1 gram or 1 mL USP <1111>			Absent in 1 gram	
P. aeruginosa	SOP-QCA-017 AOAC	Absent in 1 gram or 1 mL USP <1111>			Absent in 1 gram	
	SOP-QCA-017 AOAC	LOD (CFU/g)	LOQ (CFU/g)	RL (CFU/g)	Enumeration	CFU/g
Total Aerobic (TAMC)	USP <1111>	4	20	200	TAMC	< 4
Total Yeast/Mold (TYMC)		4	20	20	TYMC	< 4
Bile Tolerant Gram Negative Bacteria		4	20	Absent in 1 gram	BTGN	Absent in 1 gram
Analysis Performed By: AP On: 11-Feb-2025 - 14-Feb-2025						



Certificate of Analysis

Sample # 2025-0264
Lot # BHO109

BioScision Pharma Inc.
26 Henlow Bay,
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testing@broadvisionmass.com

Test	Method	Specification			Result	
Metals						
		LOD (ppm)	LOQ (ppm)	RL (ppm)	Metal	ppm
Heavy Metals	SOP-QCA-008	0.015	0.050	0.200	Arsenic (As)	< 0.015
	ICP-OES	0.008	0.025	0.100	Mercury (Hg)	< 0.008
	USP <233>, <232> (Limit)	0.125	0.250	0.500	Lead (Pb)	< 0.125
		0.015	0.050	0.300	Cadmium (Cd)	< 0.015
Analysis Performed By: SB		On: 12-Feb-2025				

Test	Method	Specification			Result	
Toxins						
		LOD (ppm)	LOQ (ppm)	RL (ppm)		ppm
Aflatoxins	SOP-QCA-011 LC-MSMS E.P. 2.8.18	0.002	0.005	0.002	B1	< 0.002
		0.002	0.005	*	B2	< 0.002
		0.002	0.005	*	G1	< 0.002
		0.002	0.005	*	G2	< 0.002
		0.002	0.020	0.004	Total (B1, B2, G1, G2)	< 0.002
Analysis Performed By: SB		On: 13-Feb-2025				

Test Method SOP-QCA-016 HS-GCMS USP <467>	LOD ppm	LOQ ppm	RL ppm	Result ppm	Test Method SOP-QCA-016 HS-GCMS USP <467>	LOD ppm	LOQ ppm	RL ppm	Result ppm
Residual Solvents									
Acetone	50	500	5000	< 50	Isobutanol	50	500	5000	< 50
Anisole	50	500	5000	< 50	Isobutyl acetate	50	500	5000	< 50
Iso-Butane	50	500	5000	< 50	Isopropyl acetate	50	500	5000	< 50
n-Butane	50	500	5000	2534	Methyl acetate	50	500	5000	< 50
1-Butanol	50	500	5000	< 50	3-Methyl-1-butanol	50	500	5000	< 50
2-Butanol	50	500	5000	< 50	4-Methyl-2-pentanone	50	500	5000	< 50
2-Butanone	50	500	5000	< 50	Methyl-tert-butyl ether	50	500	5000	< 50
Butyl acetate	50	500	5000	< 50	(C5) n-Pentane	50	500	5000	< 50
Diethyl ether	50	500	5000	< 50	1-Pentanol	50	500	5000	< 50
Dimethyl sulfoxide	50	500	5000	< 50	Propane	50	500	5000	< 50
Ethanol	50	500	5000	< 50	1-Propanol	50	500	5000	< 50
Ethyl acetate	50	500	5000	< 50	2-Propanol	50	500	5000	< 50
Ethyl formate	50	500	5000	< 50	Propyl acetate	50	500	5000	< 50
(C7) n-Heptane	50	500	5000	< 50					
Analysis Performed By: PE		On: 12-Feb-2025							



Certificate of Analysis

Sample # 2025-0264
Lot # BHO109

BioScision Pharma Inc.
26 Henlow Bay,
Winnipeg, MB R3Y 1G4
testing@bioscisionslabs.com

Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated JUL 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm	Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated JUL 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm
Pesticides									
Abamectin	0.030	0.100	< 0.25	< 0.030	Ethoprophos	0.003	0.010	< 0.01	< 0.003
Acephate	0.015	0.050	< 0.05	< 0.015	Etofenprox	0.003	0.010	*	< 0.003
Acequinocyl	0.015	0.050	*	< 0.015	Etoxazole	0.003	0.010	*	< 0.003
Acetamiprid	0.003	0.010	< 0.05	< 0.003	Etridiazol	0.030	0.100	< 0.15	< 0.030
Aldicarb	0.003	0.010	< 0.5	< 0.003	Fenoxycarb	0.003	0.010	< 0.01	< 0.003
Allethrin	0.030	0.100	< 0.1	< 0.030	Fenpyroximate	0.003	0.010	*	< 0.003
Azadirachtin	0.030	0.100	< 0.5	< 0.030	Fensulfothion	0.003	0.010	< 0.01	< 0.003
Azoxystrobin	0.003	0.010	< 0.01	< 0.003	Fenthion	0.003	0.010	< 0.01	< 0.003
Benzovindiflupyr	0.003	0.010	< 0.01	< 0.003	Fenvalerate	0.030	0.100	*	< 0.030
Bifenazate	0.003	0.010	< 0.01	< 0.003	Fipronil	0.003	0.010	< 0.01	< 0.003
Bifenthrin	0.015	0.050	*	< 0.015	Flonicamid	0.008	0.025	< 0.03	< 0.008
Boscalid	0.003	0.010	< 0.01	< 0.003	Fludioxonil	0.003	0.010	< 0.01	< 0.003
Buprofezin	0.003	0.010	*	< 0.003	Fluopyram	0.003	0.010	< 0.01	< 0.003
Carbaryl	0.003	0.010	< 0.03	< 0.003	Hexythiazox	0.003	0.010	*	< 0.003
Carbofuran	0.003	0.010	< 0.01	< 0.003	Imazalil	0.003	0.010	< 0.01	< 0.003
Chlorantraniliprole	0.003	0.010	*	< 0.003	Imidacloprid	0.003	0.010	< 0.01	< 0.003
Chlorphenapyr	0.015	0.050	< 1.5	< 0.015	Iprodione	0.151	0.500	< 0.5	< 0.151
Chlorpyrifos	0.151	0.500	< 0.5	< 0.151	Kinoprene	0.378	1.250	< 1.25	< 0.378
Clofentezine	0.003	0.010	< 0.01	< 0.003	Kresoxim-methyl	0.003	0.010	< 0.15	< 0.003
Clothianidin	0.003	0.010	< 0.03	< 0.003	Malathion	0.003	0.010	< 0.01	< 0.003
Coumaphos	0.003	0.010	< 0.01	< 0.003	Metalaxyl	0.003	0.010	< 0.01	< 0.003
Cyantranilipole	0.003	0.010	< 0.01	< 0.003	Methiocarb	0.003	0.010	< 0.01	< 0.003
Cyfluthrin	0.075	0.250	*	< 0.075	Methomyl	0.003	0.010	< 0.03	< 0.003
Cypermethrin	0.030	0.100	*	< 0.030	Methoprene	0.151	0.500	*	< 0.151
Cyprodinil	0.003	0.010	< 0.01	< 0.003	Mevinphos	0.003	0.010	< 0.03	< 0.003
Daminozide	0.075	0.250	*	< 0.075	MGK-264	0.003	0.010	*	< 0.003
Deltamethrin	0.015	0.050	*	< 0.015	Myclobutanil	0.003	0.010	< 0.01	< 0.003
Diazinon	0.003	0.010	*	< 0.003	Naled	0.015	0.050	*	< 0.015
Dichlorvos	0.015	0.050	< 0.05	< 0.015	Novaluron	0.003	0.010	< 0.03	< 0.003
Dimethoate	0.003	0.010	< 0.01	< 0.003	Oxamyl	0.003	0.010	< 1.5	< 0.003
Dimethomorph	0.003	0.010	*	< 0.003	Paclobutrazol	0.003	0.010	< 0.01	< 0.003
Dinotefuran	0.008	0.025	< 0.05	< 0.008	Parathion-Methyl	0.030	0.100	*	< 0.030
Dodemorph	0.003	0.010	*	< 0.003	Permethrin	0.030	0.100	*	< 0.030
Endosulfan sulfate	0.030	0.100	< 2.5	< 0.030	Phenothrin	0.015	0.050	*	< 0.015
Endosulfan-alpha	0.151	0.500	< 2.5	< 0.151	Phosmet	0.003	0.010	*	< 0.003
Endosulfan-beta	0.151	0.500	< 2.5	< 0.151	Piperonyl butoxide	0.003	0.010	< 1.25	< 0.003



Certificate of Analysis

Sample # 2025-0264
Lot # BHO109

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26 Henlow Bay,
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testing@bioscisionslabs.com

Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated JUL 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm	Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated JUL 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm
Pesticides									
Pirimicarb	0.003	0.010	< 0.01	< 0.003	Spiromesifen	0.003	0.010	*	< 0.003
Prallethrin	0.015	0.050	*	< 0.015	Spirotetramat	0.003	0.010	< 0.01	< 0.003
Propiconazole	0.003	0.010	*	< 0.003	Spiroxamine	0.003	0.010	*	< 0.003
Propoxur	0.003	0.010	< 0.01	< 0.003	Tebuconazole	0.003	0.010	< 0.01	< 0.003
Pyraclostrobin	0.003	0.010	< 0.01	< 0.003	Tebufenozide	0.003	0.010	< 0.01	< 0.003
Pyrethrins	0.008	0.025	*	< 0.008	Teflubenzuron	0.007	0.025	< 0.03	< 0.007
Pyridaben	0.003	0.010	< 0.02	< 0.003	Tetrachlorvinphos	0.003	0.010	< 0.01	< 0.003
Quintozene	0.030	0.100	*	< 0.030	Tetramethrin	0.003	0.010	*	< 0.003
Resmethrin	0.003	0.010	< 0.05	< 0.003	Thiacloprid	0.003	0.010	< 0.01	< 0.003
Spinetoram	0.003	0.010	< 0.01	< 0.003	Thiamethoxam	0.003	0.010	< 0.01	< 0.003
Spinosad	0.003	0.010	< 0.01	< 0.003	Thiophanate-methyl	0.003	0.010	*	< 0.003
Spirodiclofen	0.003	0.010	*	< 0.003	Trifloxystrobin	0.003	0.010	< 0.01	< 0.003
Analysis Performed By: SB On: 13-Feb-2025									



Certificate of Analysis

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Case Narrative

1. Results relate only to the samples analyzed as received (See Chain of Custody).
2. Unless otherwise stated, all QC measurements meet the established laboratory QC limits for the parameter.
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5. This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legal binding equivalent of a traditionally handwritten signature.
6. If you have any comments or questions, please contact the laboratory at the email or numbers listed above.

Definitions

LOD	Limit of Detection	CFU	Colony Forming Units
LOQ	Limit of Quantification	% w/w	Percent of Weight
RL	Reporting Limit	ppm	Parts per Million
QC	Quality Control	mg/g	Milligrams per gram of sample
*	Limit of quantification not available		



CERTIFICATE OF MANUFACTURE

For products manufactured and packaged at one site

I. Product Information

Product Name: (proprietary, brand, or trade name in the importing country)

CN Pharma Bulk Tea Cup Kush
Terpene Sauce

Country of Origin

CANADA

Marketing authorization number (DIN, NPN)

Not Applicable

Strength/Potency. Identity (name) and amount per unit dose are required for all active ingredients/constituents.

Total THC: 37.9%

Total Terpenes: 11.3%

Dosage form (pharmaceutical form).

Bulk

Package size (contents of container) and type (e.g., vials, bottles, blisters)

1.5 Kg

Lot/Batch No:

CN2207CP129S

Date of Manufacture:

2022/SEPT/12

Date Packaged:

2022/OCT/25

Expiry date

Not Determined

II. Master Production Document Information

Master Formula Reference No:

N/A

Master Formula Revision Date or No:

N/A

Master Packaging Order Reference No:

N/A

Master Packaging Order Revision Date or No:

N/A

III. Manufacturer Information

Name and address of manufacturer(s) buildings including (Manufacturing, packaging, quality control, packaging, manufacturing authorization(s)/licence(s) or certificate(s) of GMP/GPP compliance for each building listed above).

Canadian National Pharma Group
Inc.
31270 Wheel Avenue
Abbotsford, B.C. V2T 6H1
Licenced under Canadian
Cannabis Regulations

Results of Analysis (include specifications and methods used)

Lic. #: LIC-VRU5D80AW1-2019

COA Ref: SG 20220121-CD-
2396

Batch: CN2207CP129S



CANADIAN NATIONAL
PHARMA GROUP INC.

FORM No.: 03 ACC-005-B F01
ISSUE DATE: 2022.JAN.17

REV.: 02

TITLE: CERTIFICATE OF MANUFACTURE-MANUFACTURING AND PACKAGING
EFFECTIVE DATE: 2022.JAN.31

REVIEW DATE: 2022.DEC.31

Comments and remarks (eg. Inspector's name, specific storage and transport conditions)

Expressed Shipped at Ambient Temp.

No Stability Data Available

IV. Certification

I hereby certify that the above information is authentic and accurate. This batch of product has been fabricated/manufactured, including packaging and quality control, at the above-mentioned recognized building(s) in full compliance with the GMP/**GPP** requirements of the local regulatory authority (**Canadian Cannabis Regulations**). The raw materials, batch processing, packaging, and analysis records were reviewed and found to be in compliance with GMP/**GPP**.

V. Authorization

Name of authorized person:

Stephen Ostensen

Position Title:

AQAP

Date certificate issued:

2022/OCT/26

Signature:



Client Name: Canadian National Pharma Group
Address: 31270 Wheel Avenue,
Abbotsford, BC
Contact/Attn.: Stephen Ostensen
Email: sostensen@cnpharmagroup.com

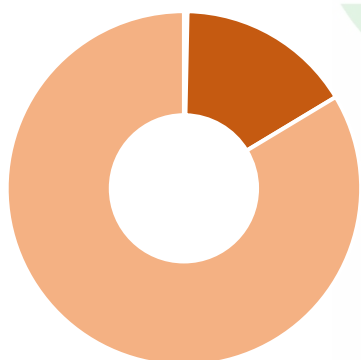
Sample Information

Sample Type:	Extract	Sigma ID:	20221003-CD-17
Client ID:	Terpene Sauce	Date Received:	3-Oct-22
Lot #:	CN2207CP129S	Test Date:	17-Oct-22
Certificate #:	20221021-CD-2396	Certificate Issue Date:	21-Oct-22

Cannabinoid Profile

Instrument: HPLC-PDA Method: TP-001

4 Major Cannabinoids



■ CBD ■ CBDA
■ Δ9-THC ■ THCA

Compound	Results (mg/g)	Results (%)
CBD	<LOQ	<LOQ
CBDA	1.3934	0.1393
Δ9-THC	68.0682	6.8068
THCA	354.6999	35.4700
CBG	6.7633	0.6763
CBGA	64.5331	6.4533
CBC	8.7387	0.8739
CBCA	101.4305	10.1431
CBN	0.3022	0.0302
CBNA	2.2402	0.2240
THCV	0.4398	0.0440
THCVA	3.1563	0.3156

Total Cannabinoids

Total CBD	1.2220	0.1222
Total THC	379.1400	37.9140

Notes

N/A

Final Approval

Approved by: Bahareh Ahmadkhan
Quality Assurance Manager

Date Approved: October 21, 2022



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Pesticides

Instrument: LC-MS/MS

Compound	Specification	LOQ (ppm)	Results (ppm)	Pass/Fail
Abamectin	0.25	0.20	Not Detected	Pass
Acephate	0.05	0.05	Not Detected	Pass
Acequinocyl	*	0.2	Not Detected	N/A
Acetamiprid	0.05	0.05	Not Detected	Pass
Aldicarb	0.5	0.2	Not Detected	Pass
Allethrin	0.1	0.05	Not Detected	Pass
Azadirachtin	0.5	0.2	Not Detected	Pass
Azoxystrobin	0.01	0.01	Not Detected	Pass
Benzovindiflupyr	0.01	0.01	Not Detected	Pass
Bifenazate	0.01	0.01	Not Detected	Pass
Bifenthrin	*	1.0	Not Detected	N/A
Boscalid	0.01	0.01	Not Detected	Pass
Buprofezin	*	0.1	Not Detected	N/A
Carbaryl	0.025	0.010	Not Detected	Pass
Carbofuran	0.01	0.01	Not Detected	Pass
Chlorantraniliprole	*	0.1	Not Detected	N/A
Chlorphenapyr	1.5	1.0	Not Detected	Pass
Chlorpyrifos	0.5	0.2	Not Detected	Pass
Clofentezine	0.01	0.01	Not Detected	Pass
Clothianidin	0.025	0.010	Not Detected	Pass
Coumaphos	0.01	0.01	Not Detected	Pass
Cyantranilipole	0.01	0.01	Not Detected	Pass
Cyfluthrin	*	2.0	Not Detected	N/A
Cypermethrin	*	1.0	Not Detected	N/A
Cyprodinil	0.01	0.01	Not Detected	Pass
Daminozide	*	0.1	Not Detected	N/A
Deltamethrin	*	1.0	Not Detected	N/A
Diazinon	*	0.1	<LOQ	N/A
Dichlorvos	0.05	0.05	Not Detected	Pass
Dimethoate	0.01	0.01	Not Detected	Pass



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Pesticides

Instrument: LC-MS/MS

Compound	Specification	LOQ (ppm)	Results (ppm)	Pass/Fail
Dimethomorph	*	0.1	Not Detected	N/A
Dinotefuran	0.05	0.05	Not Detected	Pass
Dodemorph	*	0.1	Not Detected	N/A
Endosulfan sulfate	2.5	2.0	Not Detected	Pass
Endosulfan-alpha	2.5	2.0	Not Detected	Pass
Endosulfan-beta	2.5	2.0	Not Detected	Pass
Ethoprophos	0.01	0.01	Not Detected	Pass
Etofenprox	*	1.0	Not Detected	N/A
Etoazole	*	0.1	Not Detected	N/A
Etridiazol	0.15	0.10	Not Detected	Pass
Fenoxycarb	0.01	0.01	Not Detected	Pass
Fenpyroximate	*	2.0	Not Detected	N/A
Fensulfothion	0.01	0.01	Not Detected	Pass
Fenthion	0.01	0.01	Not Detected	Pass
Fenvalerate	*	0.1	Not Detected	N/A
Fipronil	0.01	0.01	Not Detected	Pass
Flonicamid	0.025	0.010	Not Detected	Pass
Fludioxonil	0.01	0.01	Not Detected	Pass
Fluopyram	0.01	0.01	Not Detected	Pass
Hexythiazox	*	0.1	Not Detected	N/A
Imazalil	0.01	0.01	Not Detected	Pass
Imidacloprid	0.01	0.01	Not Detected	Pass
Iprodione	0.5	0.2	Not Detected	Pass
Kinoprene	1.25	1.00	Not Detected	Pass
Kresoxim-methyl	0.15	0.1	Not Detected	Pass
Malathion	0.01	0.01	Not Detected	Pass
Metalaxyl	0.01	0.01	Not Detected	Pass
Methiocarb	0.01	0.01	Not Detected	Pass
Methomyl	0.025	0.010	Not Detected	Pass
Methoprene	*	0.2	Not Detected	N/A



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Pesticides

Instrument: LC-MS/MS

Compound	Specification	LOQ (ppm)	Results (ppm)	Pass/Fail
Mevinphos	0.025	0.010	0.010	Pass
MGK-264	*	0.1	Not Detected	N/A
Myclobutanil	0.01	0.01	Not Detected	Pass
Naled	*	0.1	Not Detected	N/A
Novaluron	0.025	0.010	Not Detected	Pass
Oxamyl	1.5	1.0	Not Detected	Pass
Paclobutrazol	0.01	0.01	Not Detected	Pass
Parathion-methyl	*	0.1	Not Detected	N/A
Permethrin	*	0.2	Not Detected	N/A
Phenothrin	*	1.0	Not Detected	N/A
Phosmet	*	0.1	Not Detected	N/A
Piperonyl butoxide	1.25	1.00	Not Detected	Pass
Pirimicarb	0.01	0.01	Not Detected	Pass
Prallethrin	*	1.0	Not Detected	N/A
Propiconazole	*	0.1	Not Detected	N/A
Propoxur	0.01	0.01	Not Detected	Pass
Pyraclostrobin	0.01	0.01	Not Detected	Pass
Pyrethrins	*	0.2	Not Detected	N/A
Pyridaben	0.02	0.01	Not Detected	Pass
Quintozene	*	0.1	Not Detected	N/A
Resmethrin	0.05	0.05	Not Detected	Pass
Spinetoram	0.01	0.01	Not Detected	Pass
Spinosyn	0.01	0.01	Not Detected	Pass
Spirodiclofen	*	0.2	Not Detected	N/A
Spiromesifen	*	0.1	Not Detected	N/A
Spirotetramat	0.01	0.01	Not Detected	Pass
Spiroxamine	*	0.1	Not Detected	N/A
Tebuconazole	0.01	0.01	Not Detected	Pass
Tebufenozide	0.01	0.01	Not Detected	Pass
Teflubenzuron	0.025	0.010	Not Detected	Pass



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Certificate #:	20221021-CD-2396	Certificate Issue Date:	21-Oct-22

Pesticides

Instrument: LC-MS/MS

Compound	Specification	LOQ (ppm)	Results (ppm)	Pass/Fail
Tetrachlorvinphos	0.01	0.01	Not Detected	Pass
Tetramethrin	*	1.0	Not Detected	N/A
Thiacloprid	0.01	0.01	Not Detected	Pass
Thiamethoxam	0.01	0.01	Not Detected	Pass
Thiophanate-methyl	*	0.1	Not Detected	N/A
Trifloxystrobin	0.01	0.01	Not Detected	Pass

Method: TP-002-02 Last Validation: 24/04/2020

Notes

Specification of pesticides are based on Health Canada
Mandatory Cannabis Testing for Pesticide Active Ingredients - List
and Limits, effective December 2, 2019.

Final Approval

Approved by: Bahareh Ahmadkhan
Quality Assurance Manager

Date Approved: October 21, 2022



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Heavy Metals

Instrument: ICP-MS Method: TP-003

Compound	Specification	LOQ (ppm)	Results (ppm)	Pass/Fail
Arsenic	0.2	0.0025	Not Detected	Pass
Cadmium	0.2	0.0025	<LOQ	Pass
Mercury	0.1	0.0010	0.001	Pass
Lead	0.5	0.0062	0.161	Pass

Notes

N/A

Final Approval

Approved by: Bahareh Ahmadkhan
Quality Assurance Manager

A black ink signature of Bahareh Ahmadkhan, consisting of a stylized 'B' followed by a horizontal line and a vertical stroke, enclosed within a rectangular box.

Date Approved: October 21, 2022



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Mycotoxins

Instrument: LC-MS/MS Method: TP-012

Compound	Specification	LOQ (ppb)	Results (ppb)	Pass/Fail
Aflatoxin B1	NMT 2	0.5	Not Detected	Pass
Aflatoxin B2	N/A	0.5	Not Detected	N/A
Aflatoxin G1	N/A	0.5	Not Detected	N/A
Aflatoxin G2	N/A	0.5	Not Detected	N/A
Total Aflatoxins	NMT 4	N/A	Not Detected	Pass
Ochratoxin A	NMT 20	10	Not Detected	Pass

Notes

N/A

Final Approval

Approved by: Bahareh Ahmadkhan
Quality Assurance Manager

A handwritten signature in black ink, enclosed in a rectangular box.

Date Approved: October 21, 2022



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Terpene Profile

Instrument: GC-MS Method: TP-027

Compound	Results (µg/g)	Compound	Results (µg/g)
Alpha-Pinene	4,343	Menthol	Not Detected
Camphene	1,203	Borneol	882
Sabinene	Not Detected	Camphor	Not Detected
Beta-Pinene	1,647	Alpha-Terpineol	5,322
Beta-Myrcene	5,013	Pulegone	Not Detected
p-Mentha-1, 5-diene	Not Detected	Geranyl Acetate	640
(1S)-(+)-3-Carene	112	Alpha-Cedrene	244
Alpha-Terpinene	177	Caryophyllene	30,720
(R)-(+)-Limonene	36,350	Farnesene	4,600
Beta-Ocimene	838	Humulene	13,370
Eucalyptol	534	Valencene	Not Detected
Gamma-Terpinene	172	trans-Nerolidol	Not Detected
Sabinene Hydrate	Not Detected	cis-Nerolidol	Not Detected
Terpinolene	607	Guaiol	Not Detected
Linalool	1,152	Caryophyllene oxide	134
L(-)-Fenchone	224	Cedrol	Not Detected
(1R)-endo-(+)-Fenchyl Alcohol	4,267	Alpha-Bisabolol	813
(-)-Isopulegol	Not Detected	Isoborneol	Not Detected

Total Terpene %: 11.34%

Notes

LOQ = 100 µg/g



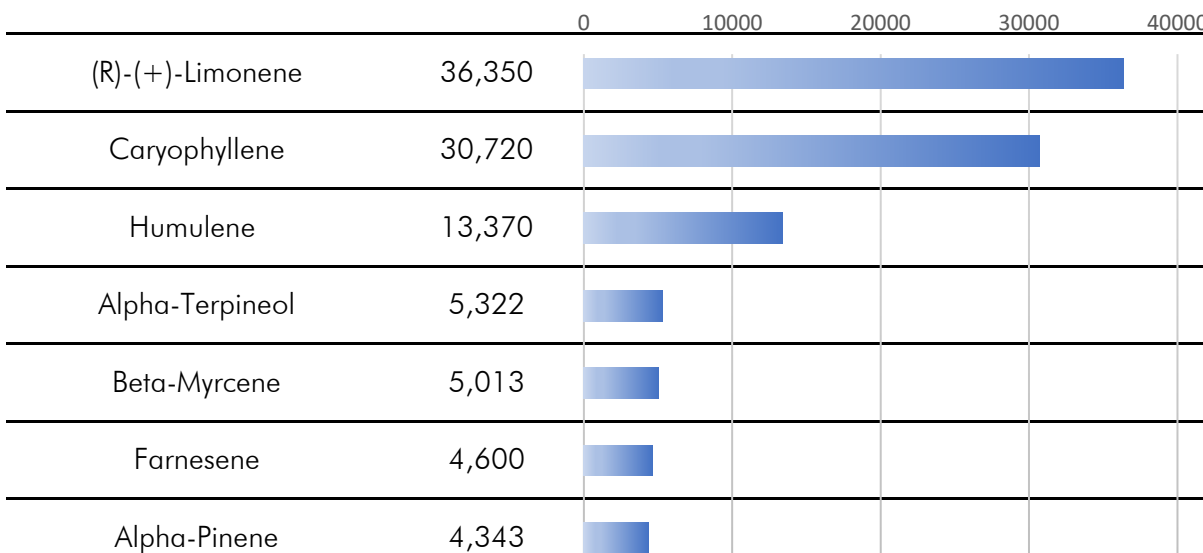
Client Name: Canadian National Pharma Group
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Sample Information

Instrument: GC-MS

Sample Type:	Extract	Sigma ID:	20221003-CD-17
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Lot #:	CN2207CP129S	Test Date:	18-Oct-22
Certificate #:	20221021-CD-2396	Certificate Issue Date:	21-Oct-22

Predominant Terpenes in the Sample



Notes

N/A

Final Approval

Approved by: Bahareh Ahmadkhan
Quality Assurance Manager

Date Approved: October 21, 2022



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Microbial Contamination

Instrument: qPCR Method: TP-008

Contamination	Client Specification	Results	Pass/Fail
TAC	NMT 10^2 cfu/g	Not Detected	Pass
TYMC	NMT 10^1 cfu/g	Not Detected	Pass
BTGN	Absent in 1 g	Absent in 1 g	Pass
S.aureus	Absent in 1 g	Absent in 1 g	Pass
P.aeruginosa	Absent in 1 g	Absent in 1 g	Pass

Notes

N/A

Final Approval

Approved by: Bahareh Ahmadkhan
Quality Assurance Manager

A black ink signature of Bahareh Ahmadkhan, consisting of a stylized 'B' followed by a horizontal line and a vertical stroke.

Date Approved: October 21, 2022



Client Name: Canadian National Pharma
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Sample Information

Sample Type:	Extract	Sigma ID:	20221003-CD-17
Client ID:	Terpene Sauce	Date Received:	3-Oct-22
Lot #:	CN2207CP129S	Test Date:	5-Oct-22
Certificate #:	20221011-CD-2263	Certificate Issue Date:	11-Oct-22

Residual Solvents

Instrument: GC-FID Method: TP-004

Compound	Specification	LOQ (µg/g)	Results (µg/g)	Pass/Fail
1-Butanol	5000	2000	Not Detected	Pass
1-Propanol	5000	2000	Not Detected	Pass
2-Butanol	5000	2000	Not Detected	Pass
2-Butanone	5000	2000	Not Detected	Pass
2-Propanol	5000	2000	Not Detected	Pass
3-Methyl 1-Butanol	5000	2000	Not Detected	Pass
Acetone	5000	2000	Not Detected	Pass
Anisol	5000	2000	Not Detected	Pass
Butyl Acetate	5000	2000	Not Detected	Pass
DMSO	5000	2000	Not Detected	Pass
Ethanol	5000	2000	Not Detected	Pass
Ethyl Acetate	5000	2000	Not Detected	Pass
Ethyl Ether	5000	2000	Not Detected	Pass
Heptane	5000	2000	Not Detected	Pass
Isobutanol	5000	2000	Not Detected	Pass
Isobutyl Acetate	5000	2000	Not Detected	Pass
Isopropyl Acetate	5000	2000	Not Detected	Pass
Methyl Acetate	5000	2000	Not Detected	Pass
MIBK	5000	2000	Not Detected	Pass
n-Propane	5000	500	Not Detected	Pass
n-Butane	5000	500	Not Detected	Pass
MTBE	5000	2000	Not Detected	Pass
Pentane	5000	2000	<LOQ	Pass
Propyl Acetate	5000	2000	Not Detected	Pass

Notes

N/A

Final Approval

Approved by: Bahareh Ahmadkhan
Quality Assurance Manager

Date Approved: October 11, 2022



CERTIFICATE OF ANALYSIS

HCFSE A- High Cannabinoid Full Spectrum Extract

Lot Number: 163023018

Date of Manufacturing: 10 Feb 2023

Specification Number: RM-H-02.01

Expiry Date: Not Determined

No.	Test Description	Method	Specification	Result
1	Appearance	QC-0023	Material is translucent yellow to amber viscous semi-solid, free of suspended particles or foreign material.	Material is translucent yellow to amber viscous semi-solid, free of suspended particles or foreign material.
2	*Identification	TM-0024	Positive for Cannabinoids	Positive
3	*Total THC Content	TM-0024	Report Total THC mg/g, where Total THC = THC + (THCA x 0.877)	D9-THC: 13.1 mg/g
				THCA: 864.0 mg/g
				Total THC: 770.8 mg/g
4	*Total CBD Content	TM-0024	Report Total CBD mg/g = CBD + (CBDA x 0.877)	CBD: LOQ (<1.5 mg/g)
				CBDA: 1.9 mg/g
				Total CBD: 1.6 mg/g
5	*Residual Solvents	CTL	Meets Class III residual solvents specifications as per EP 5.4 or USP <467> & meets all residual solvents limits, below Health Canada's limits for residual solvents in cannabis products	Conforms

Radiant Technologies (Cannabis) Inc.

4035 - 101 Street NW, Edmonton, Alberta, Canada, T6E 0A4

CERTIFICATE OF ANALYSIS

HCFSE A- High Cannabinoid Full Spectrum Extract

Lot Number: 163023018

Date of Manufacturing: 10 Feb 2023

Specification Number: RM-H-02.01

Expiry Date: Not Determined

No.	Test Description	Method	Specification	Result
6	**Pesticides	CTL	≤ Acceptable limits for all pesticides as required by Health Canada's Cannabis Regulations	Less than acceptable limits for all pesticides as required by Health Canada's Cannabis Regulations
7	*Aflatoxins	Aflatoxin B₁ Ph. Eur. 2.8.18 (CTL)	NMT 2 ppb	<2 ppb
8	*Sum of Aflatoxin B₁, B₂, G₁ and G₂	Sum of Aflatoxin B₁, B₂, G₁ and G₂ Ph. Eur. 2.8.18 (CTL)	NMT 4 ppb	<2 ppb
9	*Heavy Metals	CTL	As (inorganic) ≤ 0.2 ppm	<0.2 ppm
			Cd ≤ 0.2 ppm	<0.2 ppm
			Pb ≤ 0.5 ppm	<0.5 ppm
			Hg (total) ≤ 0.1 ppm	<0.1 ppm
10	*Total Aerobic Microbial Count (TAMC)	Ph. Eur. 5.1.4 Table 1 (CTL)	≤ 100 CFU/g	<10 CFU/g
11	*Total Combined Yeast & Mold Count (TYMC)	Ph. Eur. 5.1.4 Table 1 (CTL)	≤ 10 CFU/g	< 10 CFU/g
12	*Bile Tolerant Gram-Negative Bacteria	Ph. Eur. 5.1.4 Table 1 (CTL)	Absent in 1g	Not Detected
13	*P. aeruginosa	Ph. Eur. 5.1.4 Table 1 (CTL)	Absent in 1g	Not Detected

Radiant Technologies (Cannabis) Inc.

4035 - 101 Street NW, Edmonton, Alberta, Canada, T6E 0A4



CERTIFICATE OF ANALYSIS

HCFSE A- High Cannabinoid Full Spectrum Extract

Lot Number: 163023018

Date of Manufacturing: 10 Feb 2023

Specification Number: RM-H-02.01

Expiry Date: Not Determined

No.	Test Description	Method	Specification	Result
14	*S. aureus	Ph. Eur. 5.1.4 Table 1 (CTL)	Absent in 1g.	Not Detected

* Cannabinoids, Residual Solvents, Heavy metals, Toxins, Microbials are reported from the cannabis concentrate used.

**Pesticides reported from the biomass used to make the cannabis concentrate.

Navjeet Sandhu (Navjeet Br)
Reviewed by QC (Name and Signature)

16 Mar 2023
Date Signed

Swadea Ortiz / Swadea
Approved by QAP (Name and Signature)

17 March 2023
Date Signed

Radiant Technologies (Cannabis) Inc.

4035 - 101 Street NW, Edmonton, Alberta, Canada, T6E 0A4