

THCP Pre-Roll - Green Crack - Lot MO-00168  
 Lab Sample Number: F508191-01 - Date reported: August 27, 2025

**Client: Roots Extracts**  
**Project: Project 08/25/2025**

**Lab Sample Number: F508191-01**



**Date Sampled: 08/25/2025**  
**Date Received: 08/25/2025**

**Compliance for Retail**

## SUMMARY



**THC & CBD**

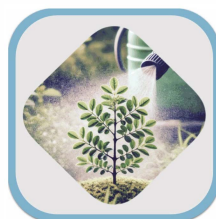
**POTENCY**

**Tested**



**TERPENES**

**Tested**



**PESTICIDES**

**Tested**



**HEAVY METALS**

**Tested**



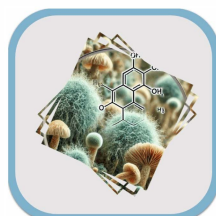
**RESIDUAL SOLVENTS**

**Tested**



**MICROBIAL TESTING**

**Tested**



**MYCOTOXINS**

**Tested**



**MOISTURE CONTENT**

**Tested**



**FOREIGN MATERIALS**

**Tested**



**WATER ACTIVITY**

**Tested**

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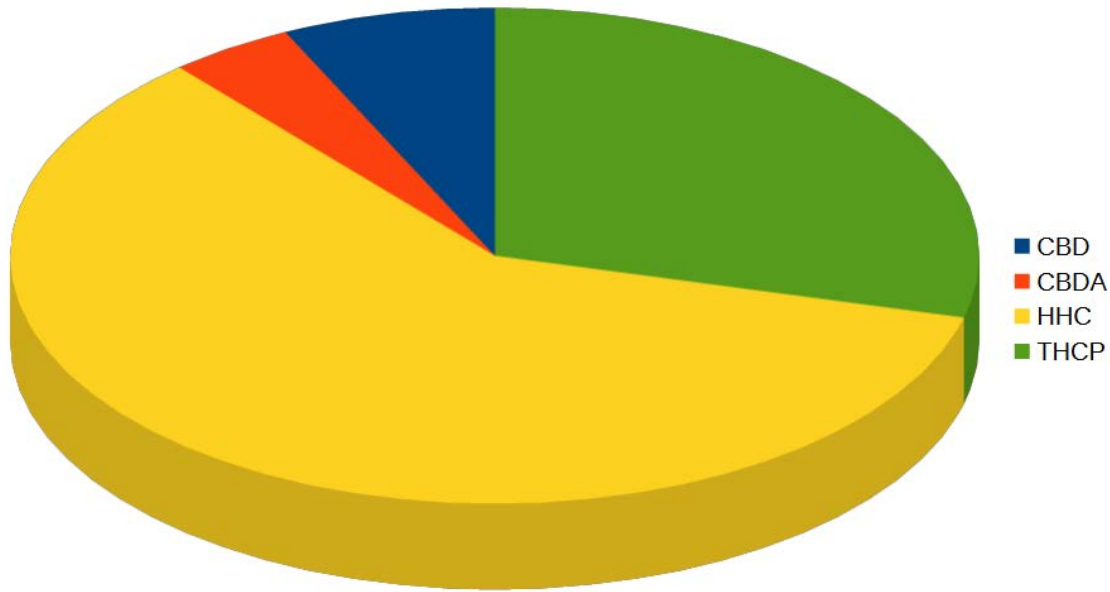
**PJLA**  
 Testing  
 Accreditation#: 109150

**Dr. Harry Behzadi, PhD.**  
 President, CEO



THCP Pre-Roll - Green Crack - Lot MO-00168  
Lab Sample Number: F508191-01 - Date reported: August 27, 2025

**Cannabinoids Summary Profile**



**24.76%**  
Total  
Cannabinoids

**< LOQ**  
**Δ9-THC**

**ND%**  
Total THC

**6.80%**  
Total THCP

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**THCP Pre-Roll - Green Crack - Lot MO-00168**

**Lab Sample Number:** F508191-01 - **Date reported:** August 27,2025

**Potency (as Received)**

**Tested**

**Date Prepared:** 08/25/2025  
**Date Analyzed:** 08/26/2025  
**Lab Batch:** B25G172

**Prep ID:** DEB  
**Analyst ID:** TL

**Sample Prep:** 1.1145 g / 10 mL  
**Prep/Analysis Method:** ACCU LAB SOP15  
**Instrument:** HPLC-DAD

Analyte	CAS Number	Dilution	LOQ %	Results	
				% wet	mg/g
9(R)-Hexahydrocannabinol (HHC)	<a href="#">36403-90-4</a>	20	0.0179	15.20	152
9(S)-Hexahydrocannabinol (HHC)	<a href="#">36403-91-5</a>	20	0.0179	ND	ND
Cannabichromene (CBC)	<a href="#">20675-51-8</a>	20	0.0800	ND	ND
Cannabichromenic acid (CBCA)	<a href="#">185505-15-1</a>	20	0.0800	ND	ND
<b>Cannabidiol (CBD)</b>	<a href="#">13956-29-1</a>	20	0.0800	<b>1.02</b>	<b>10.2</b>
<b>Cannabidiolic acid (CBDA)</b>	<a href="#">1244-58-2</a>	20	0.0800	<b>1.74</b>	<b>17.4</b>
Cannabidivarin (CBDV)	<a href="#">24274-48-4</a>	20	0.0800	ND	ND
Cannabidivarinic acid (CBDVA)	<a href="#">31932-13-5</a>	20	0.0800	ND	ND
Cannabigerol (CBG)	<a href="#">25654-31-3</a>	20	0.0800	ND	ND
Cannabigerolic acid (CBGA)	<a href="#">25555-57-1</a>	20	0.0800	ND	ND
Cannabinol (CBN)	<a href="#">521-35-7</a>	20	0.0800	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	<a href="#">5957-75-5</a>	20	0.0800	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	<a href="#">51768-60-6</a>	20	0.0179	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	<a href="#">1972-08-3</a>	20	0.0800	ND	ND
Δ9-Tetrahydrocannabinolic acid (THCA)	<a href="#">23978-85-0</a>	20	0.0800	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	<a href="#">54763-99-4</a>	20	0.0179	<b>6.8</b>	<b>6.8</b>
Tetrahydrocannabivarin (THCV)	<a href="#">31262-37-0</a>	20	0.0800	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	<a href="#">39986-26-0</a>	20	0.0800	ND	ND
Total HHC		20	0.0179	<b>15.2</b>	<b>152</b>
Total HHCP		20	0.0179	ND	ND
Total THCP		20	0.0179	<b>6.8</b>	<b>68</b>

**Definitions and Abbreviations:**

**Total CBD** = CBD + (CBDA \* 0.877), **Total THC** = THCA \* 0.877 + Delta 9 THC, **LOQ** = Limit of Quantitation, **ND** = Non-Detect.

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 Accreditation#: 109150



**Dr. Harry Behzadi, PhD.**  
 President, CEO



## THCP Pre-Roll - Green Crack - Lot MO-00168

Lab Sample Number: F508191-01 - Date reported: August 27, 2025

### Terpenes Profile

Tested

Date Prepared: 08/26/2025  
Date Analyzed: 08/26/2025  
Lab Batch: B25A014

Prep ID: KF  
Analyzed ID: EJC

Specimen Prep: 1.0557 g / 10 mL  
Instrument: GCMS  
Prep/Analysis Method: ACCU LAB SOP17

Analyte	Dilution	LOQ (%)	Results (%)	
beta-Caryophyllene	1	0.004	0.2	<div style="width: 20%;"></div>
beta-Myrcene	1	0.004	0.1	<div style="width: 10%;"></div>
alpha-Pinene	1	0.004	0.08	<div style="width: 8%;"></div>
alpha-Humulene	1	0.004	0.06	<div style="width: 6%;"></div>
d-Limonene	1	0.004	0.06	<div style="width: 6%;"></div>
Farnesene	1	0.004	0.06	<div style="width: 6%;"></div>
Guaiol	1	0.004	0.06	<div style="width: 6%;"></div>
beta-Pinene	1	0.004	0.04	<div style="width: 4%;"></div>
alpha-Bisabolol	1	0.004	0.03	<div style="width: 3%;"></div>
Caryophyllene Oxide	1	0.004	0.03	<div style="width: 3%;"></div>
Valencene	1	0.004	0.02	<div style="width: 2%;"></div>
(-)-Isopulegol	1	0.004	ND	
alpha-Cedrene	1	0.004	ND	
alpha-Terpinene	1	0.004	ND	
Borneol	1	0.004	ND	
Camphene	1	0.004	ND	
Camphor	1	0.004	ND	
Cedrol	1	0.004	ND	
cis-Nerolidol	1	0.004	ND	
delta-3-Carene	1	0.004	ND	
Endo-fenchyl alcohol	1	0.004	ND	
Eucalyptol	1	0.004	ND	
Fenchone	1	0.004	ND	
gamma-Terpinene	1	0.004	ND	
Geraniol	1	0.004	ND	
Geranyl acetate	1	0.004	ND	
Hexahydrothymol	1	0.004	ND	
Isoborneol	1	0.004	ND	
Linalool	1	0.004	ND	
Nerol	1	0.004	ND	
Ocimene	1	0.004	ND	
p-Mentha-1,5-diene	1	0.004	ND	
Pulegone	1	0.004	ND	
Sabinene	1	0.004	ND	
Sabinene hydrate	1	0.004	ND	
Terpineol	1	0.004	ND	
Terpinolene	1	0.004	ND	
trans-Nerolidol	1	0.004	ND	
<b>Total Terpenes %</b>		<b>0.74</b>		

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## THCP Pre-Roll - Green Crack - Lot MO-00168

Lab Sample Number: F508191-01 - Date reported: August 27, 2025

Definitions and Abbreviations: LOQ = Limit of Quantitation, ND = Non-Detect.

### Pesticides

Pass

Date Prepared: 08/25/2025

Prep ID: TJ

Specimen Prep: 1.0301 g / 10 mL

Date Analyzed: 08/26/2025

Analyst ID: AJ

Instrument: LC/MS/MS

Lab Batch: B25D001

Analysis Method: ACCU LAB SOP18

Analyte	DIL	Action Limit ppb	LOQ ppb	Results ppb	Status
Abamectin	10	100	4.9	ND	Pass
Acephate	10	100	4.9	ND	Pass
Acequinocyl	10	100	4.9	ND	Pass
Acetamiprid	10	100	4.9	ND	Pass
Aldicarb	10	100	4.9	ND	Pass
Azoxystrobin	10	100	4.9	ND	Pass
Bifenazate	10	100	4.9	ND	Pass
Bifenthrin	10	100	4.9	ND	Pass
Boscalid	10	100	4.9	ND	Pass
Carbaryl	10	500	4.9	ND	Pass
Carbofuran	10	100	4.9	ND	Pass
Chlorantraniliprole	10	1000	4.9	ND	Pass
Chlorfenapyr	10	100	4.9	ND	Pass
Chloromequat	10	1000	4.9	ND	Pass
Chlorpyrifos	10	100	4.9	ND	Pass
Clofentezine	10	200	4.9	ND	Pass
Coumaphos	10	100	4.9	ND	Pass
Cyfluthrin	10	500	4.9	ND	Pass
Cypermethrin	10	500	4.9	ND	Pass
Daminozide	10	100	4.9	ND	Pass
Diazinon	10	100	4.9	ND	Pass
Dichlorvos	10	100	4.9	ND	Pass
Dimethoate	10	100	4.9	ND	Pass
Dimethomorph	10	200	4.9	ND	Pass
Ethoprophos	10	100	4.9	ND	Pass
Etofenprox	10	100	4.9	ND	Pass
Etoxazole	10	100	4.9	ND	Pass
Fenhexamid	10	100	4.9	ND	Pass
Fenoxycarb	10	100	4.9	ND	Pass
Fenpyroximate	10	100	4.9	ND	Pass
Fipronil	10	100	4.9	ND	Pass
Fonicamid	10	100	4.9	ND	Pass
Fludioxonil	10	100	4.9	ND	Pass
Hexythiazox	10	100	4.9	ND	Pass
Imazalil	10	100	4.9	ND	Pass

Analyte	DIL	Action Limit ppb	LOQ ppb	Results ppb	Status
Imidacloprid	10	400	4.9	ND	Pass
Kresoxim methyl	10	100	4.9	ND	Pass
Malathion	10	200	4.9	ND	Pass
Metalaxyl	10	100	4.9	ND	Pass
Methiocarb	10	100	4.9	ND	Pass
Methomyl	10	100	4.9	ND	Pass
Mevinphos	10	100	4.9	ND	Pass
Myclobutanil	10	100	4.9	ND	Pass
Naled	10	250	4.9	ND	Pass
Oxamyl	10	500	4.9	ND	Pass
Paclobutrazol	10	100	4.9	ND	Pass
Permethrin	10	100	4.9	ND	Pass
Phosmet	10	100	4.9	ND	Pass
Piperonyl butoxide	10	3000	4.9	ND	Pass
Prallethrin	10	100	4.9	ND	Pass
Propiconazole	10	100	4.9	ND	Pass
Propoxur	10	100	4.9	ND	Pass
Pyrethrins	10	500	4.9	ND	Pass
Pyridaben	10	200	4.9	ND	Pass
Spinetoram J	10	200	4.9	ND	Pass
Spinetoram L	10	200	4.9	ND	Pass
Spinosyn A	10	100	4.9	ND	Pass
Spinosyn D	10	100	4.9	ND	Pass
Spiromesifen	10	100	4.9	ND	Pass
Spirotetramat	10	100	4.9	ND	Pass
Spiroxamine	10	100	4.9	ND	Pass
Tebuconazole	10	100	4.9	ND	Pass
Thiacloprid	10	100	4.9	ND	Pass
Thiamethoxam	10	500	4.9	ND	Pass
Trifloxystrobin	10	100	4.9	ND	Pass
Captan	1	700	120	ND	Pass
Chlordane	1	100	25	ND	Pass
Methyl parathion	1	100	25	ND	Pass
Pentachloronitrobenze	1	150	25	ND	Pass

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**THCP Pre-Roll - Green Crack- Lot MO-00168**

**Lab Sample Number: F508191-01- Date reported: August 27,2025**

**Mycotoxins**

**Pass**

**Date Prepared:** 08/25/2025    **Extracted By:** AJ    **Specimen Prep:** 1.0301 g / 10 mL  
**Date Analyzed:** 08/26/2025    **Analyzed By:** AJ    **Instrument:** LCMSMS  
**Lab Batch:** B25D001    **Analysis Method:** ACCU LAB SOP18

Analyte	DIL	Action Limit ppb	LOQ ppb	Results ppb	Status
Aflatoxin B1	10	20	1.0	ND	Pass
Aflatoxin B2	10	20	1.0	ND	Pass
Aflatoxin G1	10	20	1.0	ND	Pass
Aflatoxin G2	10	20	1.0	ND	Pass
Ochratoxin A	10	20	1.0	ND	Pass

**Definitions and Abbreviations:**  
 LOQ = Limit of Quantitation, DIL = Dilution Factor, ppb = Parts per Billion, (ND) = Non-Detect.

**Heavy Metals**

**Pass**

**Date Prepared:** 04/24/2025    **Extracted By:** TJ    **Specimen Prep:** 0.57 g / 25 mL  
**Date Analyzed:** 04/25/2025    **Analyzed By:** JG    **Instrument:** ICPMS  
**Lab Batch:** B25D032    **Analysis Method:** ACCU LAB SOP19

Analyte	DIL	Action Limit ppb	LOQ ppb	Results ppb	Status
Arsenic	1	200	88	ND	Pass
Cadmium	1	200	88	ND	Pass
Lead	1	500	88	ND	Pass
Mercury	1	200	88	ND	Pass

**Definitions and Abbreviations:**  
 LOQ = Limit of Quantitation, DIL = Dilution Factor, (ppb) = Parts per Billion, (ND) = Non-Detect.

**Total Contaminant Load**

Total Contaminant Load	Action Limit ppb	Results ppb	Status
Total Contaminant Load - Heavy Metals	5,000	ND	Pass
Total Contaminant Load - Overall Sum	5,000	240	Pass
Total Contaminant Load - Pesticides	5,000	240	Pass

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**THCP Pre-Roll - Green Crack - Lot MO-00168**

**Lab Sample Number: F508191-01 - Date reported: August 27,2025**

**Microbials**

**Pass**

**Date Prepared:** 08/25/2025  
**Date Analyzed:** 08/26/2025  
**Lab Batch:** B25D056

**Prep ID:** ES  
**Analyst ID:** ES

**Specimen Prep:** 9.71 g / 1 g  
**Instrument:** QPCR/Plate  
**Analysis Method:** ACCU LAB SOP14

Analyte	Action Limit CFU/g	LOQ CFU/g	Results CFU/g	Status
Aspergillus Flavus	1	1	ND	Pass
Aspergillus Fumigatus	1	1	ND	Pass
Aspergillus Niger	1	1	ND	Pass
Aspergillus Terreus	1	1	ND	Pass
E. coli specific gene	1	1	ND	Pass
E. coli/shigella spp.	1	1	ND	Pass
Salmonella specific gene	1	1	ND	Pass
Stx1 gene	1	1	ND	Pass
Stx2 gene	1	1	ND	Pass

**Date Prepared:** 04/23/2025  
**Date Analyzed:** 04/25/2025  
**Lab Batch:** B25D055

**Prep ID:** ES  
**Analyst ID:** ES

**Specimen Prep:** 10 g / 10 g  
**Instrument:** QPCR/Plate  
**Analysis Method:** ACCU LAB SOP14

Analyte	Action Limit CFU/g	LOQ CFU/g	Results CFU/g	Status
Total Yeast and Mold	100000	10000	ND	Pass

**Definitions and Abbreviations:**

**LOQ** = Limit of Quantitation, **(CFU/g)** = Colony Forming Unit per gram, **(ND)** = Non-Detect.

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 Lab Sample Number: F508191-01- Date reported: August 27,2025

### Water Activity

**Pass**

**Date Prepared:** 08/25/2025      **Prep ID:** TJ      **Specimen Prep:** 0.5 g / 0.5 g  
**Date Analyzed:** 08/26/2025      **Analyst ID:** TJ      **Instrument:** Rotronic Water Activity Probe  
**Lab Batch:** B25D063      **Analysis Method:** ACCU LAB SOP10

Analyte	Action Limit $A_w$	Result $A_w$	Status
Water Activity	0.65	0.40	Pass

### Moisture Content

**Pass**

**Date Prepared:** 04/24/2025      **Prep ID:** TJ      **Specimen Prep:** 0.5 g / 0.5 g  
**Date Analyzed:** 04/24/2025      **Analyst ID:** TJ      **Instrument:** OHAUS MB90  
**Lab Batch:** B25D063      **Analysis Method:** ACCU LAB SOP11

Analyte	Action Limit %	Result %	Status
Percent Moisture	15	6.3	Pass

### Foreign Materials

**Pass**

**Date Prepared:** 04/23/2025      **Prep ID:** KF      **Specimen Prep:** 1 g / 1 g  
**Date Analyzed:** 04/28/2025      **Analyst ID:** TJ      **Instrument:** Visual Inspection  
**Lab Batch:** B25D051      **Analysis Method:** ACCU LAB SOP04

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1%	Pass	Pass

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THCP Pre-Roll - Green Crack - Lot MO-00168  
 Lab Sample Number: F508191-01 - Date reported: August 27, 2025

## Cannabinoids (Dry-Weight-Corrected)

**Tested**

Date Prepared: 08/25/2025  
 Date Analyzed: 08/26/2025  
 Lab Batch: B25G172

Prep ID: DEB  
 Analyst ID: TL

Sample Prep: 1.1145 g / 10 mL  
 Prep/Analysis Method: ACCU LAB SOP15  
 Instrument: HPLC-DAD

Analyte	Dilution	LOQ %	Results	
			%	mg/g
9(R)-Hexahydrocannabinol (HHC)	20	0.0179	15.26	152.6
9(S)-Hexahydrocannabinol (HHC)	20	0.0179	ND	ND
Cannabichromene (CBC)	20	0.0800	ND	ND
Cannabichromenic acid (CBCA)	20	0.0800	ND	ND
<b>Cannabidiol (CBD)</b>	20	0.0800	<b>1.02</b>	<b>10.2</b>
<b>Cannabidiolic acid (CBDA)</b>	20	0.0800	<b>1.74</b>	<b>17.4</b>
Cannabidivarin (CBDV)	20	0.0800	ND	ND
Cannabidivarinic acid (CBDVA)	20	0.0800	ND	ND
Cannabigerol (CBG)	20	0.0800	ND	ND
Cannabigerolic acid (CBGA)	20	0.0800	ND	ND
Cannabinol (CBN)	20	0.0800	ND	ND
$\Delta$ 8-Tetrahydrocannabinol ( $\Delta$ 8-THC)	20	0.0800	ND	ND
$\Delta$ 8-Tetrahydrocannabiphorol ( $\Delta$ 8-THCP)	20	0.0179	ND	ND
$\Delta$ 9-Tetrahydrocannabinol ( $\Delta$ 9-THC)	20	0.0800	ND	ND
$\Delta$ 9-Tetrahydrocannabinolic acid (THCA)	20	0.0800	ND	ND
$\Delta$ 9-Tetrahydrocannabiphorol ( $\Delta$ 9-THCP)	20	0.0179	6.83	68.3
Tetrahydrocannabivarin (THCV)	20	0.0800	ND	ND
Tetrahydrocannabivarinic acid (THCVA)	20	0.0800	ND	ND
Total HHC	20	0.0179	15.26	152.6
Total HHCP	20	0.0179	ND	ND
Total THCP	20	0.0179	6.83	68.3

**Definitions and Abbreviations:**

Total CBD = CBD + (CBDA \* 0.877), Total THC = THCA \* 0.877 + Delta 9 THC, LOQ = Limit of Quantitation, ND = Non-Detect.

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