



Hepworth Ag, INC
 1637 Rt9W
 Milton, NY 12547
 Amy.weidner@hepworthpura.com
 716-474-3369
 License #: OCM-PROC-25-000251

Certificate of Analysis

Final



Date Released: 6/18/2025 11:27:44AM

Report #: 64967

Puff 1.00g Bubble Hash Infused PreRolls - Mule Fuel x Acapulco Gold

Sample #: 14993, Weight: 20.00g, Unit Count:
 Order #: X250426-0003

Category/Type: Plant, Enhanced Preroll

Date Collected: 4/25/2025 6:00:00PM

Date Received: 4/28/2025 10:11:24AM

Date Sampled: 4/25/2025 12:48:00PM

Regulator Sample ID: PUF-PRRL-1G-MULE-042525

Regulator Source Package ID:

PUF-PRRL-1G-MULE-042525

Regulator Batch ID: PUF-PRRL-1G-MULE-042525

Size: 6000Units, Unit Count:



Total Cannabinoids
 38.01 %
 380.1 mg/g



Total THC
 32.41 %
 324.1 mg/g



Total CBD
 0.05919 %
 0.5919 mg/g



Total Terpenes
 1.365 %



Moisture
 6.6 %



Heavy Metals
 PASS



Microbials
 PASS



Residual Solvents
 PASS



Pesticides
 PASS



Mycotoxins
 PASS



Water Activity
 PASS

Cannabinoids Avg

Total Cannabinoids: **38.01 % - 380.1 mg/g**

Total THC: **32.41 % - 324.1 mg/g**

Total CBD: **0.05919 % - 0.5919 mg/g**

Date Completed: 04/28/2025 3:53PM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	32.58	325.8	<div style="width: 95%;"></div>
d9-THC	1972-08-3	0.001000	3.837	38.37	<div style="width: 10%;"></div>
CBGa	25555-57-1	0.001000	1.272	12.72	<div style="width: 3%;"></div>
CBG	25654-31-3	0.001000	0.1418	1.418	<div style="width: 0.5%;"></div>
CBC	20675-51-8	0.001000	0.06854	0.6854	<div style="width: 0.2%;"></div>

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Results based on simple acceptance, not taking into consideration measurement uncertainty.

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Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
CBDa	1244-58-2	0.001000	0.06749	0.6749	
CBN	521-35-7	0.001000	0.05188	0.5188	
CBDV	24274-48-4	0.001000	ND	ND	
THCV	31262-37-0	0.001000	ND	ND	
CBD	13956-29-1	0.001000	ND	ND	
d8-THC	5957-75-5	0.001000	ND	ND	
d10/R9-THC	95543-62-7	0.001000	ND	ND	
d10/S9-THC	95588-87-7	0.001000	ND	ND	

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

Terpenes by HS-GC-MS

Date Completed: 04/30/2025 10:09AM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-caryophyllene	87-44-5	0.1000	0.6915	<div style="width: 69.15%;"></div>
Farnesene	502-61-4	0.1000	0.2360	<div style="width: 23.60%;"></div>
Limonene	5989-27-5	0.1000	0.2357	<div style="width: 23.57%;"></div>
Alpha-humulene	6753-98-6	0.1000	0.2017	<div style="width: 20.17%;"></div>

Results based on dry weight

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Sample #: 14993

Puff 1.00g Bubble Hash Infused PreRolls - Mule Fuel x Acapulco Gold

Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-myrcene	123-35-3	0.1000	ND	
Alpha-pinene	80-56-8	0.1000	ND	
Linalool	78-70-6	0.1000	ND	
Beta-pinene	127-91-3	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
Ocimene	13877-91-3	0.1000	ND	
Alpha-bisabolol	515-69-5	0.1000	ND	
Caryophyllene-oxide	1139-30-6	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Camphene	79-92-5	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Terpineol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Valencene	4630-07-3	0.1000	ND	
Alpha-phellandrene	99-83-2	0.1000	ND	

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

Moisture LWG

Pass

Analysis Date: 04/30/2025 12:55 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	0 - 15	6.6	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Water Activity

Pass

Analysis Date: 04/30/2025 12:55 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.40	Pass

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Sample #: 14993

Puff 1.00g Bubble Hash Infused PreRolls - Mule Fuel x Acapulco Gold

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Pesticides by LCMSMS

Pass

Analysis Date: 04/30/2025 1:47 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.500	ND	Pass
Acephate	0.0100	0.400	ND	Pass
Acequinocyl	0.0100	2.00	ND	Pass
Acetamiprid	0.0100	0.200	ND	Pass
Aldicarb	0.0100	0.400	ND	Pass
Azadirachtin	0.0100	1.00	ND	Pass
Azoxystrobin	0.0100	0.200	ND	Pass
Bifenazate	0.0100	0.200	ND	Pass
Bifenthrin	0.0100	0.200	ND	Pass
Boscalid	0.0100	0.400	ND	Pass
Captan	0.0100	1.00	ND	Pass
Carbaryl	0.0100	0.200	ND	Pass
Carbofuran	0.0100	0.200	ND	Pass
Chlorantraniliprole	0.0100	0.200	ND	Pass
Chlordane-alpha	0.0100	1.00	ND	Pass
Chlorfenapyr	0.0100	1.00	ND	Pass
Chlormequat Chloride	0.0100	1.00	ND	Pass
Chlorpyrifos	0.0100	0.200	ND	Pass
Clofentezine	0.0100	0.200	ND	Pass
Coumaphos	0.0100	1.00	ND	Pass
Cyfluthrin	0.0100	1.00	ND	Pass
Cypermethrin	0.0100	1.00	ND	Pass
Daminozide	0.0100	1.00	ND	Pass
Diazinon	0.0100	0.200	ND	Pass

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Pesticides by LCMSMS

Pass

Analysis Date: 04/30/2025 1:47 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Dichlorvos	0.0100	1.00	ND	Pass
Dimethoate	0.0100	0.200	ND	Pass
Dimethomorph	0.0100	1.00	ND	Pass
Ethoprophos	0.0100	0.200	ND	Pass
Etofenprox	0.0100	0.400	ND	Pass
Etoazole	0.0100	0.200	ND	Pass
Fenhexamid	0.0100	1.00	ND	Pass
Fenoxycarb	0.0100	0.200	ND	Pass
Fenpyroximate	0.0100	0.400	ND	Pass
Fipronil	0.0100	0.400	ND	Pass
Flonicamid	0.0100	1.00	ND	Pass
Fludioxonil	0.0100	0.400	ND	Pass
Hexythiazox	0.0100	1.00	ND	Pass
Imazalil	0.0100	0.200	ND	Pass
Imidacloprid	0.0100	0.400	ND	Pass
Indolebutyric Acid	0.0100	1.00	ND	Pass
Kresoxim-methyl	0.0100	0.400	ND	Pass
Malathion	0.0100	0.200	ND	Pass
Metaxalyl	0.0100	0.200	ND	Pass
Methiocarb	0.0100	0.200	ND	Pass
Methomyl	0.0100	0.400	ND	Pass
Methyl Parathion	0.0100	0.200	ND	Pass
Mevinphos	0.0100	1.00	ND	Pass
MGK-264	0.0100	0.200	ND	Pass
Myclobutanil	0.0100	0.200	ND	Pass

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Pesticides by LCMSMS

Pass

Analysis Date: 04/30/2025 1:47 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Naled	0.0100	0.500	ND	Pass
Oxamyl	0.0100	1.00	ND	Pass
Paclobutrazol	0.0100	0.400	ND	Pass
Pentachloronitrobenzene	0.0100	1.00	ND	Pass
Permethrins, Total	0.0100	0.200	ND	Pass
Phosmet	0.0100	0.200	ND	Pass
Piperonyl Butoxide	0.0100	2.00	ND	Pass
Prallethrin	0.0100	0.200	ND	Pass
Propiconazole	0.0100	0.400	ND	Pass
Propoxur	0.0100	0.200	ND	Pass
Pyrethrins Total	0.0100	1.00	ND	Pass
Pyridaben	0.0100	0.200	ND	Pass
Spinetoram Total	0.0100	1.00	ND	Pass
Spinosad Total	0.0100	0.200	ND	Pass
Spiromesifen	0.0100	0.200	ND	Pass
Spirotetramat	0.0100	0.200	ND	Pass
Spiroxamine	0.0100	0.200	ND	Pass
Tebuconazole	0.0100	0.400	ND	Pass
Thiacloprid	0.0100	0.200	ND	Pass
Thiamethoxam	0.0100	0.200	ND	Pass
Trifloxystrobin	0.0100	0.200	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 04/30/2025 12:40 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
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Puff 1.00g Bubble Hash Infused PreRolls - Mule Fuel x Acapulco Gold

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 04/30/2025 12:40 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	0.0500	5.00	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2.00	ND	Pass
Butanes Total	25.00	5000	ND	Pass
Chloroform	0.5000	60.0	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	289.0	Pass
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Freon	50.00	1000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	ND	Pass
Methylene chloride	50.00	600	ND	Pass
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

Mycotoxins by LCMSMS

Pass

Analysis Date: 04/30/2025 1:43 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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Mycotoxins by LCMSMS

Pass

Analysis Date: 04/30/2025 1:43 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS

Pass

Analysis Date: 04/30/2025 11:50 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2.00	0.0179	Pass
Arsenic	0.00100	0.200	0.136	Pass
Cadmium	0.00150	0.200	ND	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30.0	9.30	Pass
Lead	0.00250	0.500	0.219	Pass
Mercury	0.000500	0.100	0.00152	Pass
Nickel	0.0100	5.00	0.265	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

Micro by Petri & qPCR

Pass

Analysis Date: 04/28/2025 11:48 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	1	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	1	0	Not Detected	Pass
Aspergillus niger Qualitative	1	0	Not Detected	Pass

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Micro by Petri & qPCR

Pass

Analysis Date: 04/28/2025 11:48 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus terreus Qualitative	1	0	Not Detected	Pass
Salmonella Qualitative	1	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass
Total Aerobic Bacteria	10		<LOQ	Pass
Total Yeast & Mold	10		<LOQ	Pass

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.
Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g.

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