

Customer: Berkshire Roots

Address:
501 Dalton Ave
Pittsfield MA 01201
Phone: 413-329-5067
License #: MP281427



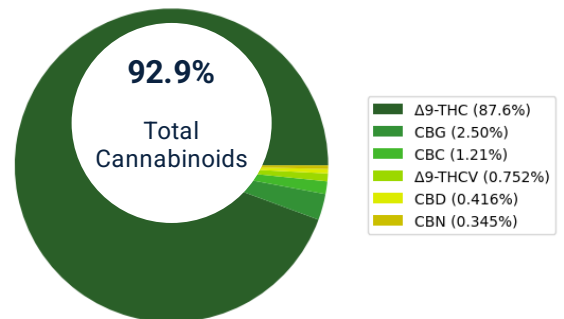
Sample ID: 43392
Sample Name: Cart Bulk Distillate
Sample Strain: Watermelon Ice
Sample Type: Concentrate
Received Date: 03/05/2026
Report Date: 03/09/2026
METRC ID: 1A40A0300000642000111150
METRC Source ID:
1A40A0300000642000111154
Client Batch ID: 260303WI
Sanitization Method: None
Client Sample Size: 6 grams



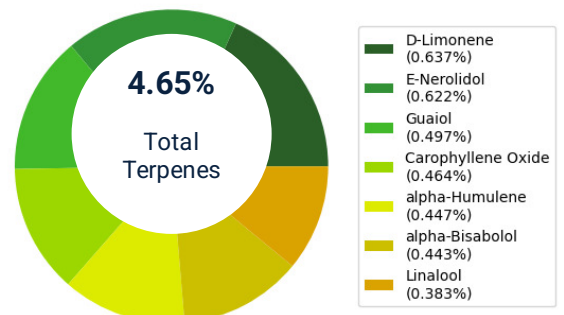
Results Summary

Cannabinoids	TESTED
03/06/2026	
Terpenes	TESTED
03/06/2026	
Heavy Metals	✓ PASS
03/07/2026	
Microbial Impurities	✓ PASS
03/09/2026	
Residual Solvents	✓ PASS
03/06/2026	
Mycotoxins	✓ PASS
03/06/2026	

Cannabinoid Distribution (%)



Terpene Distribution (%)



Cannabinoids

Date Started: 03/05/2026
Instrument: UPLC-PDA

Date Completed: 03/06/2026
Method: TP-09.001.06 & TP-09.012.07

Analyst: Lana Rivera (B144852)
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
Δ9-THC	87.6	876	0.267	1.45
CBG	2.50	25.0	0.00628	0.0723
CBC	1.21	12.1	0.00685	0.0578
Δ9-THCV	0.752	7.52	0.00780	0.0578
CBD	0.416	4.16	0.0112	0.145
CBN	0.345	3.45	0.00990	0.0723
CBDVA	ND	ND	0.00973	0.0578
CBDV	ND	ND	0.0276	0.0578
CBDA	ND	ND	0.00912	0.145
CBGA	ND	ND	0.00567	0.0723
Δ8-THCV	ND	ND	0.0141	0.0578
THCVA	ND	ND	0.00614	0.0578
CBNA	ND	ND	0.00764	0.0578
Exo-THC	ND	ND	0.0116	0.0578
Δ8-THC	ND	ND	0.0253	0.0723
CBL	ND	ND	0.0171	0.0578
THCA	ND	ND	0.0231	0.145
CBCA	ND	ND	0.0186	0.0578
Total THC	87.6	876		
Total CBD	0.416	4.16		
Total Cannabinoids	92.9	929		

Total THC = Δ9-THC + (THCA x 0.877)

Total CBD = CBD + (CBDA x 0.877)

Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

Certificate of Analysis

Terpenes

Date Started: 03/05/2026
Instrument: GC-MS

Date Completed: 03/06/2026
Method: TP-09.004.06

Analyst: Lana Rivera (B144852)
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
D-Limonene	0.637	6.37	0.00316	0.0150
E-Nerolidol	0.622	6.22	0.00341	0.0150
Guaiol	0.497	4.97	0.00326	0.0150
Carophyllene Oxide	0.464	4.64	0.00339	0.0150
alpha-Humulene	0.447	4.47	0.00323	0.0150
alpha-Bisabolol	0.443	4.43	0.00554	0.0150
Linalool	0.383	3.83	0.00456	0.0150
E-Caryophyllene	0.301	3.01	0.00657	0.0150
beta-Pinene	0.291	2.91	0.00310	0.0150
beta-Myrcene	0.290	2.90	0.00251	0.0150
alpha-Pinene	0.280	2.80	0.00126	0.0150
Camphene	ND	ND	0.00165	0.0150
E-beta-Ocimene	ND	ND	0.00619	0.0150
Isopulegol	ND	ND	0.00726	0.0150
Geraniol	ND	ND	0.00466	0.0150
Z-Nerolidol	ND	ND	0.00406	0.0150
Eucalyptol	ND	ND	0.00454	0.0150
delta-3-Carene	ND	ND	0.00489	0.0150
alpha-Terpinene	ND	ND	0.00459	0.0150
Z-beta-Ocimene	ND	ND	0.00606	0.0150
gamma-Terpinene	ND	ND	0.00339	0.0150
Terpinolene	ND	ND	0.00187	0.0150
Total Terpenes	4.65	46.5		

Heavy Metals

✓ **PASS**

Date Started: 03/05/2026
Instrument: ICP-MS

Date Completed: 03/07/2026
Method: TP-09.007.04

Analyst: Lana Rivera (B144852)
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	11.1	75.3	200	Pass
Cadmium	ND	6.68	75.3	200	Pass
Lead	ND	6.14	75.3	500	Pass
Mercury	ND	5.36	37.6	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 03/05/2026
Instrument: TEMPO & Gene-Up

Date Completed: 03/09/2026
Method: TP-09.010.02 & TP-09.011.03

Analyst: Sydney Murphy (B168056)
Deviation: N/A

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Coliforms	ND	100	Pass
Bile-Tolerant Gram-Negative Bacteria	ND	100	Pass
Yeast & Mold	ND	1000	Pass
Aerobic Bacteria	ND	10000	Pass
E.coli	ND		Pass
Salmonella	ND		Pass

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Certificate of Analysis

Residual Solvents

✓ **PASS**

Date Started: 03/05/2026
Instrument: HS-GC-MS

Date Completed: 03/06/2026
Method: TP-09.005.04

Analyst: Lana Rivera (B144852)
Deviation: N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	<LOQ	0.385	1.51	12.0	Pass
Iso-butane	ND	0.253	1.51	12.0	Pass
n-Butane	ND	0.166	1.51	12.0	Pass
Methanol	ND	35.9	90.9	3000	Pass
Ethylene Oxide	ND	0.606	1.21		Pass
n-Pentane	ND	24.4	90.9	5000	Pass
Ethanol	ND	16.9	90.9	5000	Pass
Ethyl Ether	ND	23.0	90.9	5000	Pass
Acetone	ND	16.5	90.9	5000	Pass
Isopropyl Alcohol	ND	20.5	90.9	5000	Pass
Acetonitrile	ND	12.8	90.9	410	Pass
Methylene Chloride	ND	0.606	1.21	600	Pass
n-Hexane	ND	24.7	90.9	290	Pass
Ethyl Acetate	ND	14.2	90.9	5000	Pass
Chloroform	ND	0.606	1.21	60.0	Pass
1,2-Dichloroethane	ND	0.606	1.21	1870	Pass
Benzene	ND	0.606	1.21		Pass
n-Heptane	ND	26.5	90.9	5000	Pass
Trichloroethylene	ND	0.606	1.21	80.0	Pass
Toluene	ND	10.5	90.9	890	Pass
Total Xylenes	ND	17.9	45.4	2170	Pass

Mycotoxins

✓ **PASS**

Date Started: 03/05/2026
Instrument: LC-MS/MS

Date Completed: 03/06/2026
Method: TP-09.009.05

Analyst: Lana Rivera (B144852)
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	0.844	2.78		
Aflatoxin B2	ND	0.844	2.78		
Aflatoxin G1	ND	0.844	2.78		
Aflatoxin G2	ND	0.844	2.78		
Ochratoxin A	ND	0.844	2.78		
Total Mycotoxins	ND	0.844	2.78	20.0	Pass



Yuemin Wang Kovaleff, Lab
 Manager
 03/09/2026

END OF REPORT