

LC Square
173 Howland Ave
Adams, MA 01220
art@lcsquare.net

License #: MC281717, MP282013

Certificate of Analysis

Final



Date Released: 9/17/2024 6:41:07PM

Report #: 40665

Frosted Cherry 8.30.2024 C Test Sample

Sample #: 76449, Weight: 7.00g, Unit Count:

Order #: X240911-0005

Category/Type: Raw Plant Material, Flower - Cured

Date Collected: 9/11/2024 2:35:09PM

Date Received: 9/12/2024 10:42:05AM

Date Analyzed: 9/17/2024 2:58:05PM

License # Sample ID: 1A40A030000CBE9000001820

License # Source Package ID:

1A40A030000CBE9000001806

License # Batch ID: Frosted Cherry 8.30.2024 C



Total Cannabinoids
258.78537 mg/g



Total THC
220.04041 mg/g



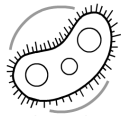
Total CBD
0.00000 mg/g



Total Terpenes
23.04 mg/g



Heavy Metals
PASS



Microbials
PASS



Pesticides
PASS



Mycotoxins
PASS

Cannabinoids

Total Cannabinoids: **258.78537 mg/g**

Total THC: **220.04041 mg/g**

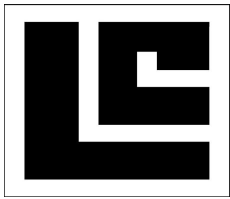
Total CBD: **0.00000 mg/g**

Date Completed: 09/17/2024 2:58PM

Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
THCa	23978-85-0	0.528451	2.105263	248.25366	24.82537	
CBGA	25555-57-1	0.712506	2.105263	8.20976	0.82098	
d9-THC	1972-08-3	0.651946	2.105263	2.32195	0.23220	
d8-THC	5957-75-5	0.959417	2.105263	ND	ND	
CBD	13956-29-1	0.995967	2.105263	ND	ND	
CBDa	1244-58-2	0.672732	2.105263	ND	ND	
CBG	25654-31-3	0.887997	2.105263	ND	ND	
CBN	521-35-7	0.987261	2.105263	ND	ND	
CBC	20675-51-8	0.922839	2.105263	ND	ND	
THCV	31262-37-0	0.683418	2.105263	ND	ND	
CBDV	24274-48-4	0.646059	2.105263	ND	ND	



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833-48



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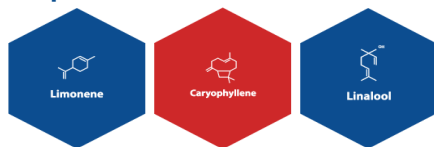
Sample #: 76449

Frosted Cherry 8.30.2024 C Test Sample

Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
THCVa	39986-26-0	0.03524	2.105263	<LOQ	<LOQ	
Test Comment: Total THC = (THCa * 0.877) + d9THC Total Cannabionids = Addition of all cannabionoids with no multiplier Total CBD = (CBDa * 0.877) + CBD **THCVa is pending ISO-17025 Accreditation**						

Terpenes

Date Completed: 09/13/2024 3:46PM



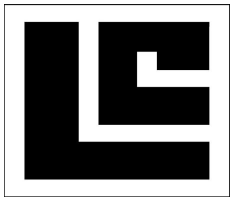
Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
D-Limonene	5989-27-5	0.0397	0.1191	5.90	0.59	
beta-Caryophyllene	87-44-5	0.0220	0.0661	5.68	0.57	
Linalool	78-70-6	0.0320	0.0960	3.99	0.40	
beta-Myrcene	123-35-3	0.0446	0.1338	2.38	0.24	
alpha-Humulene	6753-98-6	0.0212	0.0637	1.33	0.13	
Fenchyl Alcohol	1632-73-1	0.0145	0.0437	0.77	0.08	
beta-Pinene	127-91-3	0.0499	0.1498	0.69	0.07	
trans-Nerolidol	40716-66-3	0.0390	0.1172	0.68	0.07	
alpha-Terpineol	98-55-5	0.0173	0.0520	0.59	0.06	
alpha-Pinene	80-56-8	0.0510	0.1531	0.44	0.04	
alpha-Bisabolol	515-69-5	0.0966	0.2899	0.44	0.04	
Borneol	507-70-0	0.0228	0.0684	0.15	0.02	



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Jonathan Ferguson, CEO
9/17/2024 7:45:30PM



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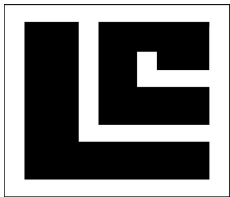
Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
alpha-Terpinene	99-86-5	0.0408	0.1225	ND	ND	
alpha-Cedrene	469-61-4	0.0253	0.0761	ND	ND	
Sabinene	3387-41-5	0.0156	0.0470	ND	ND	
alpha-Phellandrene	99-83-2	0.0232	0.0697	ND	ND	
Camphor	76-22-2	0.0331	0.0995	ND	ND	
Cedrol	77-53-2	0.0249	0.0749	ND	ND	
Farnesene	502-61-4	0.0453	0.1361	ND	ND	
Fenchone	1195-79-5	0.0342	0.1028	ND	ND	
gamma-Terpineol	586-81-2	0.0028	0.0086	ND	ND	
Geranyl Acetate	105-87-3	0.0254	0.0763	ND	ND	
Isoborneol	124-76-5	0.0157	0.0472	ND	ND	
Menthol	89-78-1	0.0369	0.1109	ND	ND	
Nerol	106-25-2	0.0228	0.0686	ND	ND	
Pulegone	89-82-7	0.0112	0.0338	ND	ND	
Sabinene Hydrate	546-79-2	0.0165	0.0495	ND	ND	
Valencene	4630-07-3	0.0190	0.0571	ND	ND	
Camphene	79-92-5	0.0516	0.1550	<LOQ	<LOQ	
Caryophyllene Oxide	1139-30-6	0.0559	0.1679	<LOQ	<LOQ	
delta-3-Carene	13466-78-9	0.0796	0.2388	ND	ND	
Eucalyptol	470-82-6	0.0503	0.1510	ND	ND	
Guaiol	489-86-1	0.0675	0.2027	ND	ND	
Terpinolene	586-62-9	0.0481	0.1445	<LOQ	<LOQ	
cis-Nerolidol	142-50-7	0.0323	0.0969	ND	ND	
cis-Ocimene	3338-55-4	0.0280	0.0840	<LOQ	ND	
gamma-Terpinene	99-85-4	0.0393	0.1180	ND	ND	
Geraniol	106-24-1	0.0479	0.1438	<LOQ	<LOQ	



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Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
Isopulegol	89-79-2	0.0535	0.1606	ND	ND	
trans-OCimene	3779-61-1	0.0289	0.0868	ND	ND	

Test Comment: The following analytes are not part of Green Valley Analytics ISO 17025 Scope of Accreditation:

Sabinene, alpha-Phellandrene, Sabine Hydrate, Fenchone, Fenchyl Alcohol, Camphor, Isoborneol, Menthol, Borneol, alpha-Terpineol, gamma-Terpineol, Nerol, Pulegone, Geranyl Acetate, Farnesene, alpha-Cedrene, Valencene & Cedrol.

Mycotoxins

Pass

Date Completed: 09/16/2024 1:58PM

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB1	1.6499	4.9499	20	ND	Pass
AflatoxinB2	2.2521	6.7564	20	ND	Pass
AflatoxinG1	0.9461	2.8380	20	ND	Pass
AflatoxinG2	3.8346	11.5039	20	ND	Pass
OchratoxinA	2.5487	7.6462	20	ND	Pass
TotalAflatoxins				0	Pass

Metals

Pass

Date Completed: 09/13/2024 2:13PM

Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status
Arsenic	28.73	86.21	200	ND	Pass
Cadmium	21.74	83.33	200	ND	Pass
Lead	23.58	83.33	500	ND	Pass
Mercury	23.62	70.84	100	ND	Pass

Pesticides

Pass

Date Completed: 09/16/2024 1:51PM

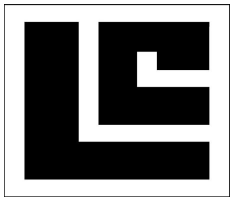
Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Bifenazate	2.5792	7.7377	10	ND	Pass



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Pesticides

Pass

Date Completed: 09/16/2024 1:51PM

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Bifenthrin	5.1561	15.4683	10	ND	Pass
Cyfluthrin	48.8	146.4	10	ND	Pass
Etoxazole	2.2610	6.7832	10	ND	Pass
Imazalil	2.1853	6.5559	10	ND	Pass
Imidacloprid	1.8548	5.5644	10	ND	Pass
Myclobutanil	2.1163	6.3489	10	ND	Pass
Spiromesifen	2.4051	7.2154	10	ND	Pass
Trifloxystrobin	2.4291	7.2874	10	ND	Pass

Microbials Count/Qualitative

Pass

Date Completed: 09/16/2024 11:52AM

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria		200	1000	<LOQ	Pass
Salmonella Qualitative			1	Not Detected	Pass
STEC Qualitative			1	Not Detected	Pass
Total Aerobic Bacteria		2000	100000	8081	Pass
Total Coliforms		200	1000	<LOQ	Pass
Yeast & Mold		2000	10000	8081	Pass



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