

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

License #: MC281717, MP282013

Certificate of Analysis

Final



Date Released: 4/16/2025 9:38:00AM

Report #: 73128

Kushy Punch- 1g Vape-Pineapple Margarita

Sample #: 117775, Weight: 8.00g, Unit Count:

Order #: X250410-0004

Category/Type: Concentrates & Vapes, Vape Cartridge

Date Collected: 4/10/2025 11:15:03AM

Date Received: 4/11/2025 9:14:44AM

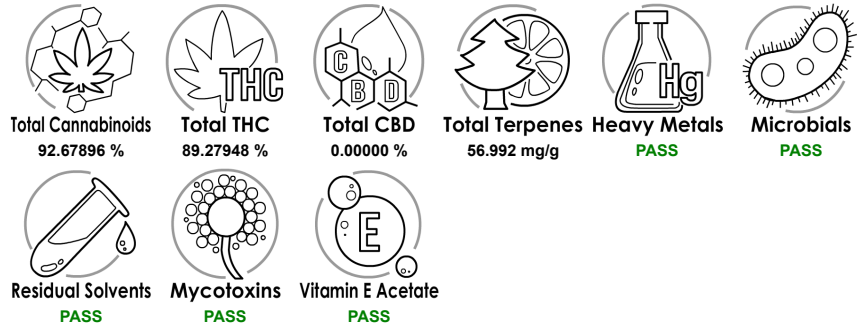
Date Analyzed: 4/16/2025 9:14:46AM

METRC Sample ID: 1A40A03000093A9000059721

METRC Source Package ID:

1A40A03000093A9000059720

METRC Batch ID: KP-V-104-PAM



Cannabinoids

Total Cannabinoids: **92.67896 %**

Total THC: **89.27948 %**

Total CBD: **0.00000 %**

Date Completed: 04/15/2025 10:28AM

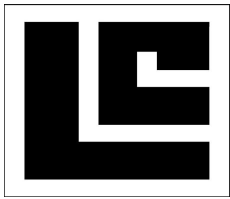
Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
d9-THC	1972-08-3	.1238	.4	89.27948	892.79476	
CBG	25654-31-3	.1687	.4	2.19913	21.99127	
CBC	20675-51-8	.1753	.4	0.70306	7.03057	
THCV	31262-37-0	.1298	.4	0.49729	4.97293	
THCa	23978-85-0	.1	.4	ND	ND	
d8-THC	5957-75-5	.1822	.4	ND	ND	
CBD	13956-29-1	.1892	.4	<LOQ	<LOQ	
CBDa	1244-58-2	.1278	.4	ND	ND	
CBN	521-35-7	.1875	.4	<LOQ	<LOQ	
CBGA	25555-57-1	.1353	.4	ND	ND	



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Jonathan Ferguson

Jonathan Ferguson, CEO
4/16/2025 10:39:13AM



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Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
CBDV	24274-48-4	.1227	.4	ND	ND	
THCVa	39986-26-0	.1674	.4	ND	ND	

Test Comment: Total THC = (THCa * 0.877) + d9THC
Total Cannabinoids = Addition of all cannabinoids with no multiplier
Total CBD = (CBDa * 0.877) + CBD

Terpenes

Date Completed: 04/15/2025 12:03PM



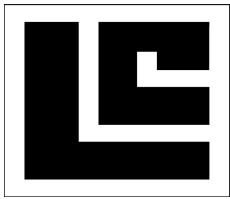
Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
D-Limonene	5989-27-5	0.0397	0.1191	15.275	1.528	
beta-Caryophyllene	87-44-5	0.0220	0.0661	11.590	1.159	
beta-Myrcene	123-35-3	0.0446	0.1338	8.873	0.887	
alpha-Pinene	80-56-8	0.0510	0.1531	3.744	0.374	
beta-Pinene	127-91-3	0.0499	0.1498	3.621	0.362	
Linalool	78-70-6	0.0320	0.0960	3.259	0.326	
cis-Ocimene	3338-55-4	0.0280	0.0840	2.594	0.259	
alpha-Humulene	6753-98-6	0.0212	0.0637	1.888	0.189	
alpha-Terpineol	98-55-5	0.0173	0.0520	1.295	0.130	
alpha-Bisabolol	515-69-5	0.0966	0.2899	1.224	0.122	
trans-Nerolidol	40716-66-3	0.0390	0.1172	0.858	0.086	



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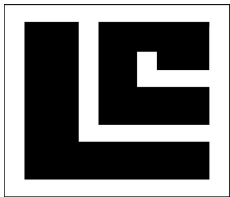
Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
Fenchyl Alcohol	1632-73-1	0.0145	0.0437	0.736	0.074	
Caryophyllene Oxide	1139-30-6	0.0559	0.1679	0.387	0.039	
gamma-Terpinene	99-85-4	0.0393	0.1180	0.330	0.033	
Geraniol	106-24-1	0.0479	0.1438	0.293	0.029	
Terpinolene	586-62-9	0.0481	0.1445	0.264	0.026	
Camphene	79-92-5	0.0516	0.1550	0.243	0.024	
Borneol	507-70-0	0.0228	0.0684	0.208	0.021	
Valencene	4630-07-3	0.0190	0.0571	0.166	0.017	
Isoborneol	124-76-5	0.0157	0.0472	0.144	0.014	
alpha-Terpinene	99-86-5	0.0408	0.1225	<LOQ	<LOQ	
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	
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	
delta-3-Carene	13466-78-9	0.0796	0.2388	ND	ND	
Eucalyptol	470-82-6	0.0503	0.1510	<LOQ	<LOQ	
Guaiol	489-86-1	0.0675	0.2027	ND	ND	



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Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
cis-Nerolidol	142-50-7	0.0323	0.0969	ND	ND	
Isopulegol	89-79-2	0.0535	0.1606	ND	ND	
trans-Ocimene	3779-61-1	0.0289	0.0868	<LOQ	<LOQ	

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

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

Vitamin E Acetate

Pass

Date Completed: 04/14/2025 2:13PM

Compound	LOD (mg/g)	LOQ (mg/g)	Limits (mg/g)	Result (mg/g)	Status
Vitamin E Acetate	0.0103	0.05	0.05	ND	Pass

Residual Solvents

Pass

Date Completed: 04/14/2025 12:04PM

Compound	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Acetone	18.721	56.162	5000	ND	Pass
Butane	2.11	6.6667	12	ND	Pass
Ethanol	136.6999	410.0998	5000	ND	Pass
Isobutane	2.5540	6.6667	12	ND	Pass
Isopropyl Alcohol	66	200	5000	ND	Pass
Pentane	19.288	57.864	5000	ND	Pass
Propane	2.8051	6.6667	12	ND	Pass

Comment: **Pentane & Isopropyl Alcohol is not part of ISO 17025 scope**

Mycotoxins

Pass

Date Completed: 04/16/2025 9:14AM

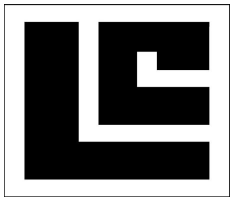
Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB1	1.6499	4.9499	20	ND	Pass



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Mycotoxins

Pass

Date Completed: 04/16/2025 9:14AM

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
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: 04/14/2025 3:05PM

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

Microbials Count/Qualitative

Pass

Date Completed: 04/15/2025 7:35AM

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria		100	100	<LOQ	Pass
Salmonella Qualitative			1	Not Detected	Pass
STEC Qualitative			1	Not Detected	Pass
Total Aerobic Bacteria		100	10000	<LOQ	Pass
Total Coliforms		100	100	<LOQ	Pass
Yeast & Mold		100	1000	392	Pass



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