



Fleur de Lis Analytical Laboratories
1515 N Broadway Ave
Saint Louis, MO 63102

(314) 410-5851
<http://FDLAnalytical.com>
Lic# TES000012

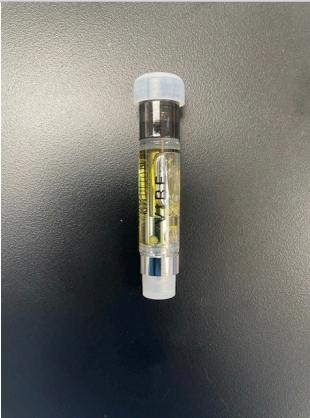
Regulatory Compliance Testing

1 of 5

Distillate Vape Cart - 1.0g - Red Apple Rush 61565 08182025

METRC Sample: 1A40C030003CF300061566; METRC Batch: 1A40C030003CF300061565

Sample ID: 2508FDLA1095.5242	Produced:	Client
Strain: Red Apple Rush	Collected: 08/19/2025	GF Saint Mary, LLC
Matrix: Concentrates & Extracts	Received: 08/19/2025	Lic. # MAN000065
Type: Vape	Completed: 08/22/2025	7110 North Broadway
Sample Size: ; Batch: 963 units	Batch#: Distillate Vape Cart - 1.0g - Red Apple Rush 61565 08182025	St. Louis, MO 63147



Summary

Test	Method	Date Tested	Result
Batch			Pass
Cannabinoids	STL-LAB-00023	08/20/2025	Complete
Terpenes	STL-LAB-00022	08/21/2025	Complete
Residual Solvents	STL-LAB-00020	08/20/2025	Pass
Microbials	STL-LAB-00025	08/21/2025	Pass
Mycotoxins	STL-LAB-00015	08/20/2025	Pass
Pesticides	STL-LAB-00015	08/20/2025	Pass
Heavy Metals	STL-LAB-00021	08/20/2025	Pass
Foreign Matter	STL-LAB-00027	08/20/2025	Pass

Cannabinoids

Complete

89.60%

Total THC

ND

Total CBD

93.20%

Total Cannabinoids

Analyte	LOQ	LOD	Result	Result
	%	%	%	mg/serving
THCa	0.20	0.20	ND	ND
Δ9-THC	0.20	0.20	89.60	8.96
Δ8-THC	0.20	0.20	ND	ND
THCV	0.20	0.20	ND	ND
CBDa	0.20	0.20	ND	ND
CBD	0.20	0.20	ND	ND
CBDV	0.20	0.20	ND	ND
CBN	0.20	0.20	ND	ND
CBGa	0.20	0.20	ND	ND
CBG	0.20	0.20	2.60	0.26
CBC	0.20	0.20	1.00	0.10
Total THC			89.60	8.96
Total CBD			ND	ND
Total			93.20	9.32

Date Tested: 08/20/2025

1 Unit = 1 Serving, 0.010g; 100 servings per container; 896.0 mg THC per container

Total THC = THCa * 0.877 + Δ9-THC

Total CBD = CBDa * 0.877 + CBD

NT
Not Tested

Moisture Content

NT

Not Tested
Limit: undefined aw
Water Activity

Pass

Foreign Matter



Thomas Shifflett

Thomas Shifflett
Director of Quality
08/22/2025

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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
Abamectin	0.25	0.25	0.5	ND	Pass	Imazalil	0.1	0.1	0.2	ND	Pass
Acephate	0.2	0.2	0.4	ND	Pass	Imidacloprid	0.2	0.2	0.4	ND	Pass
Acequinocyl	1	1	2	ND	Pass	Kresoxim Methyl	0.2	0.2	0.4	ND	Pass
Acetamiprid	0.1	0.1	0.2	ND	Pass	Malathion	0.1	0.1	0.2	ND	Pass
Aldicarb	0.2	0.2	0.4	ND	Pass	Metalaxyl	0.1	0.1	0.2	ND	Pass
Azoxystrobin	0.1	0.1	0.2	ND	Pass	Methiocarb	0.1	0.1	0.2	ND	Pass
Bifenazate	0.1	0.1	0.2	ND	Pass	Methomyl	0.2	0.2	0.4	ND	Pass
Bifenthrin	0.1	0.1	0.2	ND	Pass	Methyl Parathion	0.1	0.1	0.2	ND	Pass
Boscalid	0.2	0.2	0.4	ND	Pass	MGK-264	0.1	0.1	0.2	ND	Pass
Carbaryl	0.1	0.1	0.2	ND	Pass	Myclobutanil	0.1	0.1	0.2	ND	Pass
Carbofuran	0.1	0.1	0.2	ND	Pass	Naled	0.25	0.25	0.5	ND	Pass
Chlorantraniliprole	0.1	0.1	0.2	ND	Pass	Oxamyl	0.5	0.5	1	ND	Pass
Chlorfenapyr	0.5	0.5	1	ND	Pass	Paclobutrazol	0.2	0.2	0.4	ND	Pass
Chlormequat chloride	0.1	0.1	0.2	ND	Pass	Permethrins	0.1	0.1	0.2	ND	Pass
Chlorpyrifos	0.1	0.1	0.2	ND	Pass	Phosmet	0.1	0.1	0.2	ND	Pass
Clofentezine	0.1	0.1	0.2	ND	Pass	Piperonyl	1	1	2	ND	Pass
Cyfluthrin	0.5	0.5	1	ND	Pass	Butoxide					
Cypermethrin	0.5	0.5	1	ND	Pass	Prallethrin	0.1	0.1	0.2	ND	Pass
Daminozide	0.5	0.5	1	ND	Pass	Propiconazole	0.2	0.2	0.4	ND	Pass
Diazinon	0.1	0.1	0.2	ND	Pass	Propoxur	0.1	0.1	0.2	ND	Pass
Dichlorvos	0.5	0.5	1	ND	Pass	Pyrethrins	0.5	0.5	1	ND	Pass
Dimethoate	0.1	0.1	0.2	ND	Pass	Pyridaben	0.1	0.1	0.2	ND	Pass
Ethoprophos	0.1	0.1	0.2	ND	Pass	Spinosad	0.1	0.1	0.2	ND	Pass
Etofenprox	0.2	0.2	0.4	ND	Pass	Spiromesifen	0.1	0.1	0.2	ND	Pass
Etoxazole	0.1	0.1	0.2	ND	Pass	Spirotetramat	0.1	0.1	0.2	ND	Pass
Fenoxy carb	0.1	0.1	0.2	ND	Pass	Spiroxamine	0.2	0.2	0.4	ND	Pass
Fenpyroximate	0.2	0.2	0.4	ND	Pass	Tebuconazole	0.2	0.2	0.4	ND	Pass
Fipronil	0.2	0.2	0.4	ND	Pass	Thiacloprid	0.1	0.1	0.2	ND	Pass
Flonicamid	0.5	0.5	1	ND	Pass	Thiamethoxam	0.1	0.1	0.2	ND	Pass
Fludioxonil	0.2	0.2	0.4	ND	Pass	Trifloxystrobin	0.1	0.1	0.2	ND	Pass
Hexythiazox	0.5	0.5	1	ND	Pass	Vitamin E Acetate	2.5	2.5	5	ND	Pass

Date Tested: 08/20/2025



Thomas Shifflett
Director of Quality
08/22/2025

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Microbials

Analyte	Result	Status
Aspergillus	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Date Tested: 08/21/2025

Mycotoxins

Analyte	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1		10		ND	Tested
B2		10		ND	Tested
G1		10	<LOQ	<LOQ	Tested
G2		10	<LOQ	<LOQ	Tested
Total Aflatoxins		10	<LOQ	<LOQ	Tested
Ochratoxin A		10	ND	ND	Tested

Date Tested: 08/20/2025

Heavy Metals

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.1	0.1	0.2	ND	Pass
Cadmium	0.1	0.1	0.2	ND	Pass
Chromium	0.1	0.1	0.6	ND	Pass
Lead	0.1	0.1	0.5	ND	Pass
Mercury	0.01	0.01	0.1	ND	Pass

Date Tested: 08/20/2025



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Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	1	1	2	ND	Pass
Acetone	93	93	750	ND	Pass
Acetonitrile	25	25	60	ND	Pass
Benzene	0.5	0.5	1	ND	Pass
Butane	5	5	800	ND	Pass
Chloroform	1	1	2	ND	Pass
Ethanol	25	25	1000	47.4	Pass
Ethyl-Acetate	25	25	400	ND	Pass
Ethyl-Ether	1	1	500	ND	Pass
Ethylene Oxide	1	1	5	ND	Pass
Heptane	25	25	500	ND	Pass
Hexanes	5	5	50	ND	Pass
Isopropanol	25	25	500	ND	Pass
Methanol	93	93	250	ND	Pass
Methylene-Chloride	5	5	125	ND	Pass
Pentane	25	25	750	ND	Pass
Propane	25	25	2100	ND	Pass
Toluene	0.5	0.5	150	ND	Pass
Trichloroethylene	0.5	0.5	25	ND	Pass
Xylenes	10	10	150	ND	Pass

Date Tested: 08/20/2025



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GF Saint Mary, LLC

Matrix: Concentrates & Extracts

Received: 08/19/2025

Lic. # MAN000065

Type: Vape

Completed: 08/22/2025

7110 North Broadway

Sample Size: ; Batch: 963 units

Batch#: Distillate Vape Cart - 1.0g - Red

St. Louis, MO 63147

Apple Rush 61565 08182025

Terpenes

Analyte	LOD	LOQ	Result %	Result mg/g
α-Bisabolol	0.05	0.05	0.33	3.3
Limonene	0.05	0.05	0.23	2.3
β-Caryophyllene	0.05	0.05	0.18	1.8
β-Pinene	0.05	0.05	0.13	1.3
Isopulegol	0.05	0.05	0.12	1.2
3-Carene	0.05	0.05	ND	ND
α-Cedrene	0.05	0.05	ND	ND
α-Humulene	0.05	0.05	ND	ND
α-Myrcene	0.05	0.05	ND	ND
α-Phellandrene	0.05	0.05	ND	ND
α-Pinene	0.05	0.05	ND	ND
α-Terpinene	0.05	0.05	ND	ND
α-Terpineol	0.05	0.05	ND	ND
β-Myrcene	0.05	0.05	ND	ND
Borneol	0.05	0.05	ND	ND
Camphene	0.05	0.05	ND	ND
Camphor	0.05	0.05	ND	ND
Caryophyllene Oxide	0.05	0.05	ND	ND
Cedrol	0.05	0.05	ND	ND
cis-Nerolidol	0.05	0.05	ND	ND
cis-Ocimene	0.05	0.05	ND	ND
Eucalyptol	0.05	0.05	ND	ND
Fenchol	0.05	0.05	ND	ND

Analyte	LOD	LOQ	Result %	Result mg/g
Fenchone	0.05	0.05	ND	ND
γ-Terpinene	0.05	0.05	ND	ND
γ-Terpineol	0.05	0.05	ND	ND
Geraniol	0.05	0.05	ND	ND
Geranyl Acetate	0.05	0.05	ND	ND
Guaiol	0.05	0.05	ND	ND
β-Humulene	0.05	0.05	ND	ND
Isoborneol	0.05	0.05	ND	ND
Linalool	0.05	0.05	ND	ND
Menthol	0.05	0.05	ND	ND
Nerol	0.05	0.05	ND	ND
Phytol	0.05	0.05	ND	ND
Pulegone	0.05	0.05	ND	ND
p-Cymene	0.05	0.05	ND	ND
Sabinene	0.05	0.05	ND	ND
Sabinene Hydrate	0.05	0.05	ND	ND
Terpinolene	0.05	0.05	ND	ND
trans-Nerolidol	0.05	0.05	ND	ND
trans-Ocimene	0.05	0.05	ND	ND
Valencene	0.05	0.05	ND	ND
Nerolidol	0.05	0.05	ND	ND
Ocimene	0.05	0.05	ND	ND
Terpineol	0.05	0.05	ND	ND
Total			0.99	9.9

Primary Aromas



Date Tested: 08/21/2025



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