



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

(314) 410-5851
<http://FDLAnalytical.com>
Lic# TE5000012

Regulatory Compliance Testing

1 of 5

HeadChange - Bulk Live Rosin Cart .5g Each - Flex Fuel

METRC Sample: 1A40C0300002906000172200; METRC Batch: 1A40C0300002906000172199

Sample ID: 2510FDLA1326.6284

Produced:

Client

Strain: Flex Fuel

Collected: 10/02/2025

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 10/02/2025

Lic. # MAN000047

Type: Live Rosin

Completed: 10/07/2025

7110 N Broadway Ave

Sample Size: ; Batch:

Batch#: 1A40C0300002906000172199

Saint Louis, MO 63147



Summary

Test	Method	Date Tested	Result
Batch			Pass
Cannabinoids	STL-LAB-00023	10/06/2025	Complete
Terpenes	STL-LAB-00022	10/06/2025	Complete
Residual Solvents	STL-LAB-00020	10/06/2025	Pass
Microbials	STL-LAB-00025	10/07/2025	Pass
Mycotoxins	STL-LAB-00015	10/03/2025	Pass
Pesticides	STL-LAB-00015	10/03/2025	Pass
Heavy Metals	STL-LAB-00021	10/06/2025	Pass
Foreign Matter	STL-LAB-00027	10/03/2025	Pass

Cannabinoids

Complete

78.52%	ND	85.71%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	LOD	Result	Result
	%	%	%	mg/serving
THCa	0.20	0.20	6.52	0.33
Δ9-THC	0.20	0.20	72.80	3.64
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	2.63	0.13
CBG	0.20	0.20	2.93	0.15
CBC	0.20	0.20	0.83	0.04
Total THC			78.52	3.93
Total CBD			ND	ND
Total			85.71	4.29

Date Tested: 10/06/2025

1 Unit = 1 Serving, 0.005g; 200 servings per container; 785.2 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 av Water Activity	Pass Foreign Matter
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Thomas Shifflett

Thomas Shifflett
Director of Quality
10/07/2025

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2 of 5

HeadChange - Bulk Live Rosin Cart .5g Each - Flex Fuel

METRC Sample: 1A40C0300002906000172200; METRC Batch: 1A40C0300002906000172199

Sample ID: 2510FDLA1326.6284

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Client

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Collected: 10/02/2025

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 10/02/2025

Lic. # MAN000047

Type: Live Rosin

Completed: 10/07/2025

7110 N Broadway Ave

Sample Size: ; Batch:

Batch#: 1A40C0300002906000172199

Saint Louis, MO 63147

Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
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 Butoxide	1	1	2	ND	Pass
Cyfluthrin	0.5	0.5	1	ND	Pass	Prallethrin	0.1	0.1	0.2	ND	Pass
Cypermethrin	0.5	0.5	1	ND	Pass	Propiconazole	0.2	0.2	0.4	ND	Pass
Daminozide	0.5	0.5	1	ND	Pass	Propoxur	0.1	0.1	0.2	ND	Pass
Diazinon	0.1	0.1	0.2	ND	Pass	Pyrethrins	0.5	0.5	1	ND	Pass
Dichlorvos	0.5	0.5	1	ND	Pass	Pyridaben	0.1	0.1	0.2	ND	Pass
Dimethoate	0.1	0.1	0.2	ND	Pass	Spinosad	0.1	0.1	0.2	ND	Pass
Ethoprophos	0.1	0.1	0.2	ND	Pass	Spiromesifen	0.1	0.1	0.2	ND	Pass
Etofenprox	0.2	0.2	0.4	ND	Pass	Spirotetramat	0.1	0.1	0.2	ND	Pass
Etoxazole	0.1	0.1	0.2	ND	Pass	Spiroxamine	0.2	0.2	0.4	ND	Pass
Fenoxycarb	0.1	0.1	0.2	ND	Pass	Tebuconazole	0.2	0.2	0.4	ND	Pass
Fenpyroximate	0.2	0.2	0.4	ND	Pass	Thiacloprid	0.1	0.1	0.2	ND	Pass
Fipronil	0.2	0.2	0.4	ND	Pass	Thiamethoxam	0.1	0.1	0.2	ND	Pass
Flonicamid	0.5	0.5	1	ND	Pass	Trifloxystrobin	0.1	0.1	0.2	ND	Pass
Fludioxonil	0.2	0.2	0.4	ND	Pass	Vitamin E	2.5	2.5	5	ND	Pass
Hexythiazox	0.5	0.5	1	ND	Pass	Acetate					

Date Tested: 10/03/2025



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Director of Quality
10/07/2025

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Results pertain only to items tested. Sampling SOP STL-GEN-00015. Reference limits/Decision rule: MO DHSS 19CSR100-1.FDL does not incorporate measurement uncertainty into the conformity decision.Measurement uncertainty can be provided upon request.



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3 of 5

HeadChange - Bulk Live Rosin Cart .5g Each - Flex Fuel

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Sample ID: 2510FDLA1326.6284	Produced:	Client
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Matrix: Concentrates & Extracts	Received: 10/02/2025	Lic. # MAN000047
Type: Live Rosin	Completed: 10/07/2025	7110 N Broadway Ave
Sample Size: ; Batch:	Batch#: 1A40C0300002906000172199	Saint Louis, MO 63147

Microbials

Pass

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

Date Tested: 10/07/2025

Mycotoxins

Pass

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	Tested
G2		10		ND	Tested
Total Aflatoxins		10		<LOQ	Tested
Ochratoxin A		10		ND	Tested

Date Tested: 10/03/2025

Heavy Metals

Pass

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: 10/06/2025



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Regulatory Compliance Testing

4 of 5

HeadChange - Bulk Live Rosin Cart .5g Each - Flex Fuel

METRC Sample: 1A40C0300002906000172200; METRC Batch: 1A40C0300002906000172199

Sample ID: 2510FDLA1326.6284

Produced:

Client

Strain: Flex Fuel

Collected: 10/02/2025

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 10/02/2025

Lic. # MAN000047

Type: Live Rosin

Completed: 10/07/2025

7110 N Broadway Ave

Sample Size: ; Batch:

Batch#: 1A40C0300002906000172199

Saint Louis, MO 63147

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	ND	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: 10/06/2025



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QA Testing

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Produced:

Client

Strain: Flex Fuel

Collected: 10/02/2025

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 10/02/2025

Lic. # MAN000047

Type: Live Rosin

Completed: 10/07/2025

7110 N Broadway Ave

Sample Size: ; Batch:

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Terpenes

Analyte	LOD	LOQ	Result	Result		Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g			%	%	%	mg/g
Limonene	0.05	0.05	2.20	22.0		cis-Ocimene	0.05	0.05	ND	ND
β -Pinene	0.05	0.05	2.07	20.7		Eucalyptol	0.05	0.05	ND	ND
β -Caryophyllene	0.05	0.05	1.11	11.1		Fenchone	0.05	0.05	ND	ND
α -Pinene	0.05	0.05	0.33	3.3		γ -Terpinene	0.05	0.05	ND	ND
γ -Terpineol	0.05	0.05	0.29	2.9		Geraniol	0.05	0.05	ND	ND
Linalool	0.05	0.05	0.28	2.8		Geranyl Acetate	0.05	0.05	ND	ND
Fenchol	0.05	0.05	0.27	2.7		Guaiol	0.05	0.05	ND	ND
α -Humulene	0.05	0.05	0.26	2.6		β -Humulene	0.05	0.05	ND	ND
α -Terpineol	0.05	0.05	0.24	2.4		Isoborneol	0.05	0.05	ND	ND
α -Bisabolol	0.05	0.05	0.20	2.0		Isopulegol	0.05	0.05	ND	ND
Valencene	0.05	0.05	0.10	1.0		Menthhol	0.05	0.05	ND	ND
Camphene	0.05	0.05	0.06	0.6		Nerol	0.05	0.05	ND	ND
3-Carene	0.05	0.05	ND	ND		Phytol	0.05	0.05	ND	ND
α -Cedrene	0.05	0.05	ND	ND		Pulegone	0.05	0.05	ND	ND
α -Myrcene	0.05	0.05	ND	ND		p-Cymene	0.05	0.05	ND	ND
α -Phellandrene	0.05	0.05	ND	ND		Sabinene	0.05	0.05	ND	ND
α -Terpinene	0.05	0.05	ND	ND		Sabinene Hydrate	0.05	0.05	ND	ND
β -Myrcene	0.05	0.05	ND	ND		Terpinolene	0.05	0.05	ND	ND
Borneol	0.05	0.05	ND	ND		trans-Nerolidol	0.05	0.05	ND	ND
Camphor	0.05	0.05	ND	ND		trans-Ocimene	0.05	0.05	ND	ND
Caryophyllene Oxide	0.05	0.05	ND	ND		Nerolidol	0.05	0.05	ND	ND
Cedrol	0.05	0.05	ND	ND		Ocimene	0.05	0.05	ND	ND
cis-Nerolidol	0.05	0.05	ND	ND		Terpineol	0.05	0.05	0.52	5.2
Total									7.39	73.9

Primary Aromas

 Orange	 Pine	 Cinnamon	 Lavender	 Basil
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