



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

M00001306936: HeadChange - Bulk Live Sugar - Citral OG

METRC Sample: 1A40C0300002906000070106; METRC Batch: 1A40C0300002906000070105

Sample ID: 2404FDLA0296.1286

Produced:

Client

Strain: Citral OG

Collected: 04/16/2024

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 04/16/2024

Lic. # MAN000047

Type: Sugar

Completed: 04/18/2024

7110 N Broadway Ave

Sample Size: ; Batch: 584.39 g

Batch#:

Saint Louis, MO 63147



Summary

Test	Method	Date Tested	Result
Batch			Pass
Cannabinoids	STL-LAB-00023	04/17/2024	Complete
Terpenes	STL-LAB-00022	04/17/2024	Complete
Residual Solvents	STL-LAB-00020	04/17/2024	Pass
Microbials	STL-LAB-00025	04/18/2024	Pass
Mycotoxins	STL-LAB-00015	04/17/2024	Pass
Pesticides	STL-LAB-00015	04/17/2024	Pass
Heavy Metals	STL-LAB-00021	04/17/2024	Pass
Foreign Matter	STL-LAB-00027	04/17/2024	Pass

Cannabinoids

Complete

72.09%	ND	85.26%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	LOD	Result	Result	
	%	%	%	mg/serving	
THCa	0.20	0.20	77.62	77.62	
Δ9-THC	0.20	0.20	4.02	4.02	
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	3.62	3.62	
CBG	0.20	0.20	ND	ND	
CBC	0.20	0.20	ND	ND	
Total THC			72.09	72.09	
Total CBD			ND	ND	
Total			85.26	85.26	

Date Tested: 04/17/2024

1 Unit = 1 Serving, 0.10g; 10 servings per container; 720.9 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
--------------------------------------	---	------------------------



Thomas Shifflett

Thomas Shifflett
Director of Quality
04/18/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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.



M00001306936: HeadChange - Bulk Live Sugar - Citral OG

METRC Sample: 1A40C0300002906000070106; METRC Batch: 1A40C0300002906000070105

Sample ID: 2404FDLA0296.1286

Produced:

Client

Strain: Citral OG

Collected: 04/16/2024

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 04/16/2024

Lic. # MAN000047

Type: Sugar

Completed: 04/18/2024

7110 N Broadway Ave

Sample Size: ; Batch: 584.39 g

Batch#:

Saint Louis, MO 63147

Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	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	Metaxyl	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: 04/17/2024



Thomas Shifflett

Thomas Shifflett
Director of Quality
04/18/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com





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

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

Regulatory Compliance Testing

3 of 5

M00001306936: HeadChange - Bulk Live Sugar - Citral OG

METRC Sample: 1A40C0300002906000070106; METRC Batch: 1A40C0300002906000070105

Sample ID: 2404FDLA0296.1286	Produced:	Client
Strain: Citral OG	Collected: 04/16/2024	Curador Labs LLC MAN000047
Matrix: Concentrates & Extracts	Received: 04/16/2024	Lic. # MAN000047
Type: Sugar	Completed: 04/18/2024	7110 N Broadway Ave
Sample Size: ; Batch: 584.39 g	Batch#:	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: 04/18/2024

Mycotoxins

Pass

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

Date Tested: 04/17/2024

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Units	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: 04/17/2024



Thomas Shifflett

Thomas Shifflett
Director of Quality
04/18/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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.



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

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

Regulatory Compliance Testing

4 of 5

M00001306936: HeadChange - Bulk Live Sugar - Citral OG

METRC Sample: 1A40C0300002906000070106; METRC Batch: 1A40C0300002906000070105

Sample ID: 2404FDLA0296.1286

Produced:

Client

Strain: Citral OG

Collected: 04/16/2024

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 04/16/2024

Lic. # MAN000047

Type: Sugar

Completed: 04/18/2024

7110 N Broadway Ave

Sample Size: ; Batch: 584.39 g

Batch#:

Saint Louis, MO 63147

Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Mass	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	0.9	Pass
Butane	5	5	800	184.7	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	170.1	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: 04/17/2024



Thomas Shifflett

Thomas Shifflett
Director of Quality
04/18/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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.



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

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

QA Testing

5 of 5

M00001306936: HeadChange - Bulk Live Sugar - Citral OG

METRC Sample: 1A40C0300002906000070106; METRC Batch: 1A40C0300002906000070105

Sample ID: 2404FDLA0296.1286

Produced:

Client

Strain: Citral OG

Collected: 04/16/2024

Curador Labs LLC | MAN000047

Matrix: Concentrates & Extracts

Received: 04/16/2024

Lic. # MAN000047

Type: Sugar

Completed: 04/18/2024

7110 N Broadway Ave

Sample Size: ; Batch: 584.39 g

Batch#:

Saint Louis, MO 63147

Terpenes

Analyte	LOD	LOQ	Mass	Mass		Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g			%	%	%	mg/g
Limonene	0.05	0.05	2.56	25.6		cis-Nerolidol	0.05	0.05	ND	ND
β-Pinene	0.05	0.05	2.13	21.3		Eucalyptol	0.05	0.05	ND	ND
β-Caryophyllene	0.05	0.05	1.58	15.8		Fenchone	0.05	0.05	ND	ND
Linalool	0.05	0.05	0.77	7.7		γ-Terpinene	0.05	0.05	ND	ND
α-Pinene	0.05	0.05	0.56	5.6		Geraniol	0.05	0.05	ND	ND
α-Humulene	0.05	0.05	0.51	5.1		Geranyl Acetate	0.05	0.05	ND	ND
cis-Ocimene	0.05	0.05	0.51	5.1		Guaiol	0.05	0.05	ND	ND
β-Myrcene	0.05	0.05	0.40	4.0		β-Humulene	0.05	0.05	ND	ND
α-Terpineol	0.05	0.05	0.33	3.3		Isoborneol	0.05	0.05	ND	ND
γ-Terpineol	0.05	0.05	0.31	3.1		Isopulegol	0.05	0.05	ND	ND
Fenchol	0.05	0.05	0.28	2.8		Menthhol	0.05	0.05	ND	ND
Terpinolene	0.05	0.05	0.24	2.4		Nerol	0.05	0.05	ND	ND
α-Bisabolol	0.05	0.05	0.11	1.1		Phytol	0.05	0.05	ND	ND
Camphene	0.05	0.05	0.06	0.6		Pulegone	0.05	0.05	ND	ND
3-Carene	0.05	0.05	ND	ND		p-Cymene	0.05	0.05	ND	ND
α-Cedrene	0.05	0.05	ND	ND		Sabinene	0.05	0.05	ND	ND
α-Myrcene	0.05	0.05	ND	ND		Sabinene Hydrate	0.05	0.05	ND	ND
α-Phellandrene	0.05	0.05	ND	ND		trans-Nerolidol	0.05	0.05	ND	ND
α-Terpinene	0.05	0.05	ND	ND		trans-Ocimene	0.05	0.05	ND	ND
Borneol	0.05	0.05	ND	ND		Valencene	0.05	0.05	ND	ND
Camphor	0.05	0.05	ND	ND		Nerolidol	0.05	0.05	ND	ND
Caryophyllene Oxide	0.05	0.05	ND	ND		Ocimene	0.05	0.05	0.51	5.1
Cedrol	0.05	0.05	ND	ND		Terpineol	0.05	0.05	0.64	6.4
						Total			10.34	103.4

Primary Aromas

 Orange	 Pine	 Cinnamon	 Lavender	 Hops
---	---	---	---	---

Date Tested: 04/17/2024



Thomas Shifflett

Thomas Shifflett
Director of Quality
04/18/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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.