

**Lacy Jackson**

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(725) 274-2105  
Lic. #AP-FAAB-EYHU-SZBW-8NKL-SSBP-8N

**Sample: 2401HTL0343.1484**

Strain: Lemon Cherry Gelato  
Batch#: ; Batch Size: g; Lot ID:  
Sample Received: 01/31/2024; Report Created: 02/02/2024  
Sampled by: ; Client Rep:  
Sample Storage Environment:

**R&D**


Plant, Flower - Cured  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



## Summary

<b>Complete</b> Total THC: 21.06% Cannabinoids	<b>Complete</b> 24,058.56 PPM Terpenes	<b>Pass</b> Pesticides	<b>Not Tested</b> Solvents	<b>Pass</b> Microbials
<b>Pass</b> Moisture	<b>Pass</b> Water Activity	<b>Pass</b> Heavy Metals	<b>Pass</b> Foreign Matter	<b>Not Tested</b> Mycotoxins

105 E. Ray Fine Blvd  
Roland, OK  
(918) 571-8757  
<http://www.hightesting.com>  
Lic# LAAA-VK6A-DPMO

  
Ian Miller  
Laboratory Director

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LOD (limit of detection) and LOQ (limit of quantification) are parameters employed to express the lowest concentration of an analyte that can be reliably detected and quantified by an analytical procedure. Results are based on OMMA decision rules. Results reflect quantitative values obtained from testing the sample as received. This report shall not be reproduced, except in full, without the written consent of Higher Testing Laboratory.

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### Cannabinoids: HT-SOP-14 (HPLC-DAD) Complete

21.06%		<LOQ		25.28%	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOD	LOQ	Results	Results	
	PPM	PPM	%	mg/g	
THCa	3750.00	7500.00	24.01	240.1	
Δ9-THC	3750.00	7500.00	<LOQ	<LOQ	
Δ8-THC	625.00	1250.00	ND	ND	
THCV	625.00	1250.00	ND	ND	
CBDa	3750.00	7500.00	ND	ND	
CBD	3750.00	7500.00	ND	ND	
CBDV	625.00	1250.00	ND	ND	
CBN	3750.00	7500.00	ND	ND	
CBGa	625.00	1250.00	0.50	5.0	
CBG	625.00	1250.00	0.77	7.7	
CBC	625.00	1250.00	ND	ND	
Total			25.28	252.8	

Date Tested: 01/31/2024

Notes:  
Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; Results are being calculated on a dry-weight basis.

### Foreign Matter: HT-SOP-21 (Microscopy) Pass

Status: Not Detected

Date Tested: 01/31/2024

Notes:

Moisture (HT-SOP-30  
(Gravimetry))

10.6%

Pass

Moisture Date Tested: 01/31/2024

Water Activity (HT-SOP-39  
(Hygrometry))

0.52 aw

Pass

Limit: 0.65 Aw

Water Activity Date Tested: 01/31/2024

### Microbials: HT-SOP-22 (PCR) Pass

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Aspergillus flavus	0	0	ND	Pass
Aspergillus fumigatus	0	0	ND	Pass
Aspergillus niger	0	0	ND	Pass
Aspergillus terreus	0	0	ND	Pass
Salmonella	0	0	ND	Pass
Shiga Toxin E. Coli	0	0	ND	Pass
Yeast & Mold	10000	1600	1600	Pass

Date Tested: 01/31/2024

### Heavy Metals: HT-SOP-20 (ICPMS) Pass

Analyte	LOD	LOQ	Limit	Results	Status
	PPB	PPB	PPB	PPB	
Arsenic	0	58	200	<LOQ	Pass
Cadmium	0	58	200	<LOQ	Pass
Lead	1	192	500	ND	Pass
Mercury	1	29	100	ND	Pass

Date Tested: 01/31/2024

Metals results are quantitative for cannabis plant material, hemp, cannabis concentrates, cannabis infused products, and hemp infused products only. Metals results for matrices other than those specifically listed should be considered non-quantitative, non-specific, and for general information purposes only.

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## Terpenes: HT-SOP-17 (GCMS)


## Primary Aromas

Analyte	LOD	LOQ	Results	Results	Status
	PPM	PPM	PPM	%	
Limonene	25.00	50.00	5916.18	0.59	Tested
β-Caryophyllene	25.00	50.00	4655.39	0.47	Tested
Linalool	25.00	50.00	4241.66	0.42	Tested
Nerolidol	250.00	500.00	2116.92	0.21	Tested
trans-Nerolidol	250.00	500.00	1394.53	0.14	Tested
α-Humulene	25.00	50.00	1337.20	0.13	Tested
β-Pinene	25.00	50.00	1122.19	0.11	Tested
cis-Nerolidol	250.00	500.00	722.39	0.07	Tested
β-Myrcene	25.00	50.00	711.58	0.07	Tested
α-Pinene	25.00	50.00	675.19	0.07	Tested
trans-Ocimene	25.00	50.00	491.29	0.05	Tested
Isopulegol	25.00	50.00	207.91	0.02	Tested
Camphene	25.00	50.00	173.40	0.02	Tested
cis-Ocimene	25.00	50.00	92.63	0.01	Tested
Terpinolene	25.00	50.00	85.88	0.01	Tested
Caryophyllene Oxide	25.00	50.00	59.02	0.01	Tested
α-Bisabolol	25.00	50.00	55.20	0.01	Tested
α-Terpinene	25.00	50.00	ND	ND	Tested
δ-3-Carene	25.00	50.00	ND	ND	Tested
Eucalyptol	25.00	50.00	<LOQ	<LOQ	Tested
γ-Terpinene	25.00	50.00	ND	ND	Tested
Geraniol	250.00	500.00	ND	ND	Tested
Guaiol	25.00	50.00	ND	ND	Tested
Phytol	5000.00	5000.00	ND	ND	Tested
p-Cymene	25.00	50.00	ND	ND	Tested
<b>Total</b>			<b>24058.56</b>	<b>2.41</b>	


Date tested: 01/31/2024




Orange




Cinnamon



Lavender



Apple



Hops

**24,058.56 PPM**

Total Terpenes

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Amanda Rigdon  
Chief Scientific Officer

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# Certificate of Analysis

Informational Use Only - Not For Regulatory Use

4 of 4

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## Pesticides: HT-SOP-18 (LCMSMS)


Pass

Analyte	LOD	LOQ	Results	Status	Analyte	LOD	LOQ	Results	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.094	0.100	ND	Pass	Myclobutanil	0.100	0.100	ND	Pass
Avermectin-B1a	0.094	0.094	ND	Tested	Permethrins	0.027	0.100	ND	Pass
Avermectin-B1b	0.100	0.100	ND	Tested	Spinosad	0.025	0.100	ND	Pass
Azoxystrobin	0.100	0.100	ND	Pass	Spinosyn A	0.072	0.072	ND	Tested
Bifenazate	0.100	0.100	ND	Pass	Spinosyn D	0.025	0.025	ND	Tested
cis-Permethrin	0.027	0.027	ND	Tested	Spiromesifen	0.100	0.100	ND	Pass
Etoazole	0.100	0.100	ND	Pass	Spirotetramat	0.100	0.100	ND	Pass
Imazalil	0.100	0.100	ND	Pass	Tebuconazole	0.100	0.100	ND	Pass
Imidacloprid	0.100	0.100	ND	Pass	Trans Permethrin	0.073	0.073	ND	Tested
Malathion	0.100	0.100	ND	Pass					

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