HIGHERTESTING

Certificate of Analysis

Heartland Green Solutions LLC

1738 E 7th St
Tulsa, OK 74104
baron.benz@heartlandgreensolutions.com
(918) 764-9485
Lic. #GAAA-NKBE-2BCO

Sample: 2108HTL1924.8385

Strain: Strawberry Cheese Cake
Batch#: 4404; Batch Size: g; Lot ID:
Sample Received: 08/23/2021; Report Created: 08/25/2021
Sampled by: , ; Client Rep:
Sample Storage Environment:

Strawberry Cheese Cake

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

Summary

Complete *Total THC: 15.17%* Cannabinoids	**Complete** *13,445.54 PPM* Terpenes	**Pass** Pesticides	**Not Tested** Solvents	**Pass** Microbials
Pass Moisture	**Pass** Water Activity	**Pass** Heavy Metals	**Pass** Foreign Matter	**Not Tested** Mycotoxins

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

Ian Miller
Laboratory Director

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Cannabinoids: HT-SOP-14 — Complete

15.17%	ND	17.44%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Results	Results
	PPM	PPM	%	mg/g
THCa	3750.00	7500.00	14.29	142.9
Δ9-THC	3750.00	7500.00	2.64	26.4
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	0.52	5.2
CBG	625.00	1250.00	<LOQ	<LOQ
CBC	625.00	1250.00	ND	ND
Total			**17.44**	**174.4**

Date Tested: 08/24/2021
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 — Pass

Status: Not Detected
Notes:

Moisture (HT-SOP-30)	Water Activity (HT-SOP-31)
10.5%	**0.50 aw**
Pass	*Pass*
	Limit: 0.65 Aw

Microbials: HT-SOP-22 — Pass

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Aspergillus flavus		0	ND	Pass
Aspergillus fumigatus		0	ND	Pass
Aspergillus niger		0	ND	Pass
Aspergillus terreus		0	ND	Pass
Salmonella		0	ND	Pass
Shiga Toxin E. Coli		0	ND	Pass
Staphylococcus aureus		0	ND	Pass
Yeast & Mold		10000	340	Pass

Date Tested: 08/25/2021

Heavy Metals: HT-SOP-20 — Pass

Analyte	LOD	LOQ	Limit	Results	Status
	PPB	PPB	PPB	PPB	
Arsenic	120	120	200	ND	Pass
Cadmium	120	120	200	ND	Pass
Lead	400	400	500	ND	Pass
Mercury	60	0	100	ND	Pass

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Terpenes: HT-SOP-17

Analyte	LOD	LOQ	Results	Results	Status
	PPM	PPM	PPM	%	
β-Myrcene	25.00	50.00	4261.48	0.43	Tested
β-Caryophyllene	25.00	50.00	3139.46	0.31	Tested
Limonene	25.00	50.00	1493.50	0.15	Tested
α-Bisabolol	25.00	50.00	1214.56	0.12	Tested
α-Humulene	25.00	50.00	977.91	0.10	Tested
α-Pinene	25.00	50.00	844.53	0.08	Tested
β-Pinene	25.00	50.00	576.32	0.06	Tested
Linalool	25.00	50.00	537.71	0.05	Tested
Caryophyllene Oxide	25.00	50.00	188.48	0.02	Tested
trans-Ocimene	25.00	50.00	87.19	0.01	Tested
Isopulegol	25.00	50.00	69.04	0.01	Tested
Camphene	25.00	50.00	55.36	0.01	Tested
α-Terpinene	25.00	50.00	ND	ND	Tested
cis-Nerolidol	250.00	500.00	ND	ND	Tested
cis-Ocimene	25.00	50.00	ND	ND	Tested
δ-3-Carene	25.00	50.00	ND	ND	Tested
Eucalyptol	25.00	50.00	ND	ND	Tested
γ-Terpinene	25.00	50.00	ND	ND	Tested
Geraniol	250.00	500.00	<LOQ	<LOQ	Tested
Guaiol	25.00	50.00	ND	ND	Tested
Nerolidol	250.00	500.00	ND	ND	Tested
Phytol	250.00	500.00	ND	ND	Tested
p-Cymene	25.00	50.00	ND	ND	Tested
Terpinolene	25.00	50.00	<LOQ	<LOQ	Tested
trans-Nerolidol	250.00	500.00	ND	ND	Tested
Total			**13445.54**	**1.34**	

Notes:
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Primary Aromas

Hops

Cinnamon

Orange

Chamomile

Pine

13,445.54 PPM
Total Terpenes

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Amanda Rigdon
Chief Scientific Officer

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Pesticides: HT-SOP-18

Pass

Analyte	LOD	LOQ	Results	Status
	PPM	PPM	PPM	
Abamectin	0.094	0.100	ND	Pass
Avermectin-B1a	0.094	0.094	ND	Tested
Avermectin-B1b	0.100	0.100	ND	Tested
Azoxystrobin	0.100	0.100	ND	Pass
Bifenazate	0.100	0.100	ND	Pass
cis-Permethrin	0.027	0.027	ND	Tested
Etoxazole	0.100	0.100	ND	Pass
Imazalil	0.100	0.100	ND	Pass
Imidacloprid	0.100	0.100	ND	Pass
Malathion	0.100	0.100	ND	Pass

Analyte	LOD	LOQ	Results	Status
	PPM	PPM	PPM	
Myclobutanil	0.100	0.100	ND	Pass
Permethrins	0.027	0.100	ND	Pass
Spinosad	0.025	0.100	ND	Pass
Spinosyn A	0.072	0.072	ND	Tested
Spinosyn D	0.025	0.025	ND	Tested
Spiromesifen	0.100	0.100	ND	Pass
Spirotetramat	0.100	0.100	ND	Pass
Tebuconazole	0.100	0.100	ND	Pass
Trans Permethrin	0.073	0.073	ND	Tested

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