

Certificate of Analysis For:

The Flowery

Laboratory ID:

HK08012-01

Sample Name:

1000144174

Cultivation Facility:	<i>Homestead</i>
Processing Facility:	<i>Homestead</i>
Cultivar:	<i>Lemon Heads #4</i>
Batch Name:	<i>1000144174</i>
Batch Date:	<i>11/07/2023</i>
Batch Size:	<i>398 g</i>
Batch Unit Size:	<i>2.5 g</i>
Batch Units Sampled:	<i>7</i>
Total Amt. Sampled:	<i>17.5 g</i>
Sample Matrix:	<i>Live Rosin Badder</i>
Administration Route:	<i>Inhalation</i>
Product Name:	<i>710 LIVE BADDER</i>



The Flowery

30003 SW 197th Ave. Homestead, FL 33030

1000144174

Sample Alias: *Lemon Heads #4*
Sample Date: 11/08/23
Sample Matrix: Live Rosin Badder

Lab ID: **HK08012-01**
Received: 11/08/23 13:57
Completed: 11/09/23 18:37

POTENCY DETAILS

delta 9-THC	5.96%
CBD	0.0157%
CBN	<LOQ%
THCa	69.1%
CBDa	0.163%
delta 8-THC	<LOQ%
CBGa	0.662%
THCV	<LOQ%
CBDV	<LOQ%
CBC	<LOQ%
CBG	0.374%

Total THC
66.5% (1,660 mg)

Total CBD
0.159% (3.98 mg)

Total Active Cannabinoids
76.3% (1,910 mg)

Total CBG
0.955% (23.9 mg)

Total CBN
<LOQ%

TERPENES

Analyte	%
beta-Caryophyllene	2.01
d-Limonene	1.17
beta-Myrcene	0.978
alpha-Humulene	0.536
alpha-Bisabolol	0.429
Linalool	0.419
beta-Pinene	0.145
Fenchyl Alcohol	0.110
alpha-Pinene	0.102
alpha-Terpineol	0.0982
(+/-)-Borneol	0.0371
Camphene	0.0287
Terpinolene	0.0166

ANALYSIS SUMMARY

Potency	Completed	Foreign Matter	PASS
Heavy Metals	PASS	Homogeneity	Not Tested
Microbials	PASS	Water Activity	PASS
Mycotoxins	PASS	Pesticides	PASS
% Moisture	Not Tested	Residual Solvents	PASS
Terpenes	Completed		

Total Terpenes: 6.08%

Copyright © 2023 Modern Canna, LLC. All rights reserved.

This report shall not be reproduced, distributed, or transmitted in any form or by any means, without written consent from Modern Canna, LLC. The results in this report relate only to the products analyzed. The results in this report are confidential. For more information regarding our reporting limits, please visit: www.moderncanna.com/modern-canna-reporting-limits/

LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

1000144174

Sample Alias: *Lemon Heads #4*
 Sample Date: 11/08/2023
 Sample Matrix: Live Rosin Badder

Lab ID: **HK08012-01**
 Received: 11/08/23 13:57
 Completed: 11/09/23 18:37

Potency by HPLC

Batch: B3K0845
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 11/8/23 15:43

Ana. By: 1022
 Ana. On: 11/9/23 02:30

Initial (g): 0.102
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	66.5	100	0.126	0.980	Total CBD	0.159	1	0.002	0.010
delta 8-THC	ND	1	0.001	0.010	delta 9-THC	5.96	100	0.068	0.980
THCa	69.1	100	0.067	0.980	THCV	ND	1	0.001	0.010
CBD	0.0157	1	0.001	0.010	CBDa	0.163	1	0.001	0.010
CBDV	ND	1	0.001	0.010	CBC	ND	1	0.003	0.010
CBG	0.374	1	0.001	0.010	CBGa	0.662	1	0.001	0.010
CBN	ND	1	0.001	0.010					

Terpene Screen by GC/MS

Batch: B3K0847
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 11/8/23 15:14

Ana. By: 1050
 Ana. On: 11/8/23 18:13

Initial (g): 0.1023
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.102	1	0.005	0.010	Camphene	0.0287	1	0.005	0.010
beta-Pinene	0.145	1	0.005	0.010	3-Carene	ND	1	0.005	0.010
alpha-Terpinene	ND	1	0.005	0.010	Camphor	ND	1	0.005	0.010
d-Limonene	1.17	1	0.005	0.010	1,8-Cineole (Eucalyptol)	ND	1	0.005	0.010
gamma-Terpinene	ND	1	0.005	0.010	Terpinolene	0.0166	1	0.005	0.010
Isopulegol	ND	1	0.005	0.010	Linalool	0.419	1	0.005	0.010
Geraniol	ND	1	0.005	0.010	beta-Caryophyllene	2.01	1	0.005	0.010
alpha-Humulene	0.536	1	0.005	0.010	cis-Nerolidol	ND	1	0.005	0.010
Caryophyllene oxide	ND	1	0.005	0.010	(+/-)-Fenchone	ND	1	0.005	0.010
(+/-)-Borneol	0.0371	1	0.005	0.010	(+)-Pulegone	ND	1	0.005	0.010
Cedrol	ND	1	0.005	0.010	Geranyl Acetate	ND	1	0.005	0.010
alpha-Bisabolol	0.429	1	0.005	0.010	alpha-Phellandrene	ND	1	0.005	0.010
alpha-Terpineol	0.0982	1	0.005	0.010	Nerol	ND	1	0.005	0.010
Sabinene	ND	1	0.005	0.010	Valencene	ND	1	0.005	0.010
beta-Myrcene	0.978	1	0.005	0.010	Sabinene Hydrate	ND	1	0.005	0.010
alpha-Cedrene	ND	1	0.005	0.010	Fenchyl Alcohol	0.110	1	0.005	0.010
Guaiol	ND	1	0.005	0.010	trans-Nerolidol	ND	1	0.005	0.010
Isoborneol	ND	1	0.005	0.010	Ocimene, Total	ND	1	0.005	0.010
gamma-Terpineol	ND	1	0.005	0.010	Menthol	ND	1	0.005	0.010

1000144174

Sample Alias: **Lemon Heads #4**
 Sample Date: 11/08/2023
 Sample Matrix: Live Rosin Badder

Lab ID: **HK08012-01**
 Received: 11/08/23 13:57
 Completed: 11/09/23 18:37

Pesticides by LC-QQQ

Batch: B3K0846
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 11/8/23 15:25

Ana. By: 1056
 Ana. On: 11/9/23 03:31

Initial (g): 0.104
 Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	100	17.404	48.077	Acephate	ND	10	100	11.923	48.077
Acequinocyl	ND	10	100	7.115	48.077	Acetamiprid	ND	10	100	6.154	48.077
Aldicarb	ND	10	100	18.077	48.077	Azoxystrobin	ND	10	100	8.846	24.038
Bifenazate	ND	10	100	9.135	24.038	Bifenthrin	ND	10	100	7.404	48.077
Boscalid	ND	10	100	28.077	48.077	Chlorpyrifos	ND	10	100	8.173	24.038
Carbaryl	ND	10	500	15.000	48.077	Carbofuran	ND	10	100	7.115	12.019
Chlorantraniliprole	ND	10	1000	15.385	120.192	Chlormequat chloride	ND	10	1000	5.962	48.077
Clofentezine	ND	10	200	9.423	96.154	Coumaphos	ND	10	100	13.077	24.038
Cyfluthrin	ND	10	500	73.750	192.308	Cypermethrin	ND	10	500	18.462	120.192
Daminozide	ND	10	100	15.000	48.077	Diazinon	ND	10	100	5.288	24.038
Dichlorvos	ND	10	100	19.135	48.077	Dimethoate	ND	10	100	2.212	12.019
Dimethomorph, Total	ND	10	200	5.865	48.077	Ethoprophos	ND	10	100	10.192	12.019
Etofenprox	ND	10	100	7.981	48.077	Etoazole	ND	10	100	7.115	48.077
Fenhexamid	ND	10	100	9.519	48.077	Fenoxycarb	ND	10	100	8.654	24.038
Fenpyroximate	ND	10	100	4.327	48.077	Fipronil	ND	10	100	22.788	48.077
Flonicamid	ND	10	100	8.077	48.077	Fludioxonil	ND	10	100	16.923	48.077
Hexythiazox	ND	10	100	5.865	48.077	Imazalil	ND	10	100	10.288	48.077
Imidacloprid	ND	10	400	8.750	96.154	Kresoxim-Methyl	ND	10	100	8.558	48.077
Malathion	ND	10	200	28.077	48.077	Metalaxyl	ND	10	100	9.519	48.077
Methiocarb	ND	10	100	17.596	48.077	Methomyl	ND	10	100	3.750	24.038
Mevinphos	ND	10	100	10.192	48.077	Myclobutanil	ND	10	100	13.750	48.077
Dibrom (Naled)	ND	10	250	18.365	48.077	Oxamyl	ND	10	250	4.038	12.019
Paclobutrazol	ND	10	100	14.135	48.077	Permethrin	ND	10	100	7.692	48.077
Phosmet	ND	10	100	8.654	48.077	Piperonyl butoxide	ND	10	3000	3.942	48.077
Prallethrin	ND	10	100	11.250	24.038	Propiconazole (Tilt)	ND	10	100	8.654	48.077
Pyridaben	ND	10	200	2.981	48.077	Pyrethrins, Total	ND	10	500	10.385	48.077
Spinetoram, Total	ND	10	200	6.442	48.077	Spiromesifen	ND	10	100	7.019	12.019
Spirotetramat	ND	10	100	8.462	48.077	Spiroxamine	ND	10	100	4.808	48.077
Tebuconazole	ND	10	100	7.596	48.077	Thiacloprid	ND	10	100	3.173	48.077
Thiamethoxam	ND	10	500	4.327	96.154	Trifloxystrobin	ND	10	100	7.885	48.077
Baygon (Propoxur)	ND	10	100	5.673	48.077	Spinosad, Total	ND	10	100	8.558	34.856

Mycotoxins by LC-QQQ

Batch: B3K0846
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 11/8/23 15:25

Ana. By: 1056
 Ana. On: 11/8/23 19:53

Initial (g): 0.104
 Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	5.654	9.615	Ochratoxin A	ND	10	20	4.846	9.615
Aflatoxin G2	ND	10	20	14.327	19.231	Aflatoxin G1	ND	10	20	6.231	14.423
Aflatoxin B2	ND	10	20	7.462	14.423	Aflatoxin B1	ND	10	20	5.654	9.615

Pesticides by GC-QQQ

Batch: B3K0846
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 11/8/23 15:25

Ana. By: 1062
 Ana. On: 11/8/23 20:14

Initial (g): 0.104
 Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	150	32.933	72.115	Methyl parathion	ND	5	100	16.442	72.115
Captan	ND	5	700	47.356	72.115	Chlordane, Total	ND	5	100	37.500	72.115
Chlorfenapyr	ND	5	100	41.923	72.115						

1000144174

Sample Alias: *Lemon Heads #4*
 Sample Date: 11/08/2023
 Sample Matrix: Live Rosin Badder

Lab ID: **HK08012-01**
 Received: 11/08/23 13:57
 Completed: 11/09/23 18:37

Microbials by qPCR

Batch: B3K0834
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 11/8/23 14:58

Ana. By: 1053
 Ana. On: 11/9/23 15:40

Initial (g): 0.2518
 Final (g): 0.6

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.000	1.000	Aspergillus fumigatus	Absent	1	1	1.000	1.000
Aspergillus niger	Absent	1	1	1.000	1.000	Aspergillus terreus	Absent	1	1	1.000	1.000
Aspergillus Total	Absent	1	1	1.000	1.000	Salmonella	Absent	1	1	1.000	1.000
Shiga Toxin E.coli	Absent	1	1	1.000	1.000						

Quantitative Microbials by qPCR

Batch: B3K0835
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 11/9/23 10:50

Ana. By: 1069
 Ana. On: 11/9/23 11:55

Initial (g): 0.2528
 Final (g): 1.75

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	8	100000	1000	1000

Total Metals by ICP-MS

Batch: B3K0848
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 11/8/23 15:00

Ana. By: 1005
 Ana. On: 11/8/23 16:58

Initial (g): 0.2516
 Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	200	19.873	99.364	Cadmium	ND	1	200	19.873	99.364
Lead	ND	1	500	49.682	248.410	Mercury	ND	1	200	19.873	49.682

Residual Solvents by GC/MS-HS

Batch: B3K0803
 SOP: MCS-SOP-O03

Prep By: 1028
 Prep On: 11/8/23 14:20

Ana. By: 1028
 Ana. On: 11/8/23 20:53

Initial (g): 0.0239
 Final (g): 20

Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL
Propane	ND	1	5000	83.682	209.205	n-Butane	ND	1	5000	83.682	209.205
Methanol	ND	1	250	20.921	83.682	Ethylene Oxide	ND	1	5	0.418	2.092
Ethanol	ND	1	5000	418.410	502.092	Pentane	ND	1	750	62.761	209.205
Ethyl Ether	ND	1	500	41.841	209.205	Acetone	ND	1	750	62.761	209.205
1,1-Dichloroethylene	ND	1	8	0.257	1.255	Isopropyl Alcohol (2-Propanol)	ND	1	500	41.841	209.205
Acetonitrile	ND	1	60	5.021	25.105	Methylene Chloride	ND	1	125	10.460	41.841
Hexane	ND	1	250	20.921	104.603	Ethyl Acetate	ND	1	400	33.473	167.364
Chloroform	ND	1	2	0.115	0.837	1,2-Dichloroethane	ND	1	2	0.151	0.837
Benzene	ND	1	1	0.048	0.084	Heptane	ND	1	5000	83.682	209.205
Trichloroethene (Trichloroethylene)	ND	1	25	2.092	10.460	Toluene	ND	1	150	12.552	62.761
m/p-Xylenes	ND	1	100	6.276	25.105	o-xylene	ND	1	50	6.276	25.105

Water Activity by REH

Batch: B3K0849
 SOP: MCS-SOP-G03

Prep By: 1030
 Prep On: 11/8/23 15:11

Ana. By: 1048
 Ana. On: 11/9/23 11:15

Initial (g): 0.1012
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.39	1	0.85	0.040	0.040

Foreign Matter

Batch: B3K0928
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 11/9/23 11:25

Ana. By: 1048
 Ana. On: 11/9/23 11:30

Initial (g): 1
 Final (g): 1

Analyte (P/A)	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.000	1.000