

Certificate of Analysis For:

The Flowery

Laboratory ID:

HK20019-02

Sample Name:

1000147404

Cultivation Facility:	<i>Homestead</i>
Processing Facility:	<i>Homestead</i>
Cultivar:	<i>ZZ Top #3</i>
Batch Name:	<i>1000147404</i>
Batch Date:	<i>11/17/2023</i>
Batch Size:	<i>175 g</i>
Batch Unit Size:	<i>0.5 g</i>
Batch Units Sampled:	<i>31</i>
Total Amt. Sampled:	<i>15.5 g</i>
Sample Matrix:	<i>Pod</i>
Administration Route:	<i>Inhalation</i>
Product Name:	<i>710 POD - LIVE ROSIN</i>



The Flowery

30003 SW 197th Ave. Homestead, FL 33030

1000147404

Sample Alias: ZZ Top #3
Sample Date: 11/20/23
Sample Matrix: Pod

Lab ID: **HK20019-02**
Received: 11/20/23 15:31
Completed: 11/22/23 15:21

POTENCY DETAILS

delta 9-THC	76.1%
CBD	0.132%
CBN	<LOQ%
THCa	4.91%
CBDa	<LOQ%
delta 8-THC	<LOQ%
CBGa	1.71%
THCV	0.466%
CBDV	<LOQ%
CBC	0.705%
CBG	4.16%

Total THC
80.4% (402 mg)

Total CBD
0.132% (0.660 mg)

Total Active Cannabinoids
88.2% (441 mg)

Total CBG
5.66% (28.3 mg)

Total CBN
<LOQ%

TERPENES

Analyte	%
d-Limonene	1.99
beta-Caryophyllene	0.966
beta-Myrcene	0.689
alpha-Humulene	0.378
alpha-Pinene	0.277
Fenchyl Alcohol	0.203
alpha-Terpineol	0.186
Linalool	0.175
alpha-Bisabolol	0.152
beta-Pinene	0.0958
(+/-)-Borneol	0.0595
Camphene	0.0584
Terpinolene	0.0310
(+/-)-Fenchone	0.0161
alpha-Phellandrene	0.0107
alpha-Terpinene	0.00879
gamma-Terpinene	0.00839

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: 5.30%

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

1000147404

Sample Alias: ZZ Top #3
 Sample Date: 11/20/2023
 Sample Matrix: Pod

Lab ID: HK20019-02
 Received: 11/20/23 15:31
 Completed: 11/22/23 15:21

Potency by HPLC

Batch: B3K2038
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 11/21/23 09:51

Ana. By: 1022
 Ana. On: 11/21/23 18:17

Initial (g): 0.1021
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	80.4	100	0.126	0.979	Total CBD	0.132	1	0.002	0.010
delta 8-THC	ND	1	0.001	0.010	delta 9-THC	76.1	100	0.068	0.979
THCa	4.91	100	0.067	0.979	THCV	0.466	1	0.001	0.010
CBD	0.132	1	0.001	0.010	CBDa	ND	1	0.001	0.010
CBDV	ND	1	0.001	0.010	CBC	0.705	1	0.003	0.010
CBG	4.16	100	0.062	0.979	CBGa	1.71	100	0.063	0.979
CBN	ND	1	0.001	0.010					

Terpene Screen by GC/MS

Batch: B3K2043
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 11/21/23 10:13

Ana. By: 1050
 Ana. On: 11/21/23 15:01

Initial (g): 0.1015
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.277	1	0.005	0.010	Camphene	0.0584	1	0.005	0.010
beta-Pinene	0.0958	1	0.005	0.010	3-Carene	ND	1	0.005	0.010
alpha-Terpinene	0.00879	1	0.005	0.010	Camphor	ND	1	0.005	0.010
d-Limonene	1.99	1	0.005	0.010	1,8-Cineole (Eucalyptol)	ND	1	0.005	0.010
gamma-Terpinene	0.00839	1	0.005	0.010	Terpinolene	0.0310	1	0.005	0.010
Isopulegol	ND	1	0.005	0.010	Linalool	0.175	1	0.005	0.010
Geraniol	ND	1	0.005	0.010	beta-Caryophyllene	0.966	1	0.005	0.010
alpha-Humulene	0.378	1	0.005	0.010	cis-Nerolidol	ND	1	0.005	0.010
Caryophyllene oxide	ND	1	0.005	0.010	(+/-)-Fenchone	0.0161	1	0.005	0.010
(+/-)-Borneol	0.0595	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	0.152	1	0.005	0.010	alpha-Phellandrene	0.0107	1	0.005	0.010
alpha-Terpineol	0.186	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	0.689	1	0.005	0.010	Sabinene Hydrate	ND	1	0.005	0.010
alpha-Cedrene	ND	1	0.005	0.010	Fenchyl Alcohol	0.203	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

1000147404

Sample Alias: ZZ Top #3
 Sample Date: 11/20/2023
 Sample Matrix: Pod

Lab ID: HK20019-02
 Received: 11/20/23 15:31
 Completed: 11/22/23 15:21

Pesticides by LC-QQQ

Batch: B3K2041
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 11/21/23 10:45

Ana. By: 1067
 Ana. On: 11/21/23 16:58

Initial (g): 0.1046
 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	17.304	47.801	Acephate	ND	10	100	11.855	47.801
Acequinocyl	ND	10	100	7.075	47.801	Acetamiprid	ND	10	100	6.119	47.801
Aldicarb	ND	10	100	17.973	47.801	Azoxystrobin	ND	10	100	8.795	23.901
Bifenazate	ND	10	100	9.082	23.901	Bifenthrin	ND	10	100	7.361	47.801
Boscalid	ND	10	100	27.916	47.801	Chlorpyrifos	ND	10	100	8.126	23.901
Carbaryl	ND	10	500	14.914	47.801	Carbofuran	ND	10	100	7.075	11.950
Chlorantraniliprole	ND	10	1000	15.296	119.503	Chlormequat chloride	ND	10	1000	5.927	47.801
Clofentezine	ND	10	200	9.369	95.602	Coumaphos	ND	10	100	13.002	23.901
Cyfluthrin	ND	10	500	73.327	191.205	Cypermethrin	ND	10	500	18.356	119.503
Daminozide	ND	10	100	14.914	47.801	Diazinon	ND	10	100	5.258	23.901
Dichlorvos	ND	10	100	19.025	47.801	Dimethoate	ND	10	100	2.199	11.950
Dimethomorph, Total	ND	10	200	5.832	47.801	Ethoprophos	ND	10	100	10.134	11.950
Etofenprox	ND	10	100	7.935	47.801	Etioazole	ND	10	100	7.075	47.801
Fenhexamid	ND	10	100	9.465	47.801	Fenoxycarb	ND	10	100	8.604	23.901
Fenpyroximate	ND	10	100	4.302	47.801	Fipronil	ND	10	100	22.658	47.801
Flonicamid	ND	10	100	8.031	47.801	Fludioxonil	ND	10	100	16.826	47.801
Hexythiazox	ND	10	100	5.832	47.801	Imazalil	ND	10	100	10.229	47.801
Imidacloprid	ND	10	400	8.700	95.602	Kresoxim-Methyl	ND	10	100	8.509	47.801
Malathion	ND	10	200	27.916	47.801	Metalaxyl	ND	10	100	9.465	47.801
Methiocarb	ND	10	100	17.495	47.801	Methomyl	ND	10	100	3.728	23.901
Mevinphos	ND	10	100	10.134	47.801	Myclobutanil	ND	10	100	13.671	47.801
Dibrom (Naled)	ND	10	250	18.260	47.801	Oxamyl	ND	10	250	4.015	11.950
Paclobutrazol	ND	10	100	14.054	47.801	Permethrin	ND	10	100	7.648	47.801
Phosmet	ND	10	100	8.604	47.801	Piperonyl butoxide	ND	10	3000	3.920	47.801
Prallethrin	ND	10	100	11.185	23.901	Propiconazole (Tilt)	11.7	10	100	8.604	47.801
Pyridaben	ND	10	200	2.964	47.801	Pyrethrins, Total	ND	10	500	10.325	47.801
Spinetoram, Total	ND	10	200	6.405	47.801	Spiromesifen	ND	10	100	6.979	11.950
Spirotetramat	ND	10	100	8.413	47.801	Spiroxamine	ND	10	100	4.780	47.801
Tebuconazole	ND	10	100	7.553	47.801	Thiacloprid	ND	10	100	3.155	47.801
Thiamethoxam	ND	10	500	4.302	95.602	Trifloxystrobin	ND	10	100	7.839	47.801
Baygon (Propoxur)	ND	10	100	5.641	47.801	Spinosad, Total	ND	10	100	8.509	34.656

Mycotoxins by LC-QQQ

Batch: B3K2041
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 11/21/23 10:45

Ana. By: 1067
 Ana. On: 11/21/23 21:45

Initial (g): 0.1046
 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	5.621	9.560	Ochratoxin A	ND	10	20	4.818	9.560
Aflatoxin G2	ND	10	20	14.245	19.120	Aflatoxin G1	ND	10	20	6.195	14.340
Aflatoxin B2	ND	10	20	7.419	14.340	Aflatoxin B1	ND	10	20	5.621	9.560

Pesticides by GC-QQQ

Batch: B3K2041
 SOP: MCS-SOP-001a

Prep By: 1005
 Prep On: 11/21/23 10:45

Ana. By: 1062
 Ana. On: 11/21/23 15:28

Initial (g): 0.1046
 Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozone)	ND	5	150	32.744	71.702	Methyl parathion	ND	5	100	16.348	71.702
Captan	ND	5	700	47.084	71.702	Chlordane, Total	ND	5	100	37.285	71.702
Chlorfenapyr	ND	5	100	41.683	71.702						

1000147404

Sample Alias: ZZ Top #3
 Sample Date: 11/20/2023
 Sample Matrix: Pod

Lab ID: HK20019-02
 Received: 11/20/23 15:31
 Completed: 11/22/23 15:21

Microbials by qPCR

Batch: B3K2033
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 11/21/23 09:10

Ana. By: 1069
 Ana. On: 11/22/23 11:35

Initial (g): 0.2516
 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: B3K2034
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 11/21/23 11:05

Ana. By: 1058
 Ana. On: 11/21/23 12:16

Initial (g): 0.2519
 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: B3K2045
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 11/21/23 11:08

Ana. By: 1005
 Ana. On: 11/21/23 17:04

Initial (g): 0.2539
 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	19.693	98.464	Cadmium	ND	1	200	19.693	98.464
Lead	ND	1	500	49.232	246.160	Mercury	ND	1	200	19.693	49.232

Residual Solvents by GC/MS-HS

Batch: B3K2010
 SOP: MCS-SOP-O03

Prep By: 1028
 Prep On: 11/20/23 17:00

Ana. By: 1028
 Ana. On: 11/21/23 08:52

Initial (g): 0.0186
 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	107.527	268.817	n-Butane	ND	1	5000	107.527	268.817
Methanol	ND	1	250	26.882	107.527	Ethylene Oxide	ND	1	5	0.538	2.688
Ethanol	ND	1	5000	537.634	645.161	Pentane	ND	1	750	80.645	268.817
Ethyl Ether	ND	1	500	53.763	268.817	Acetone	ND	1	750	80.645	268.817
1,1-Dichloroethylene	ND	1	8	0.330	1.613	Isopropyl Alcohol (2-Propanol)	ND	1	500	53.763	268.817
Acetonitrile	ND	1	60	6.452	32.258	Methylene Chloride	ND	1	125	13.441	53.763
Hexane	ND	1	250	26.882	134.409	Ethyl Acetate	ND	1	400	43.011	215.054
Chloroform	ND	1	2	0.148	1.075	1,2-Dichloroethane	ND	1	2	0.194	1.075
Benzene	ND	1	1	0.062	0.108	Heptane	ND	1	5000	107.527	268.817
Trichloroethene (Trichloroethylene)	ND	1	25	2.688	13.441	Toluene	ND	1	150	16.129	80.645
m/p-Xylenes	ND	1	100	8.065	32.258	o-xylene	ND	1	50	8.065	32.258

Water Activity by REH

Batch: B3K2047
 SOP: MCS-SOP-G03

Prep By: 1030
 Prep On: 11/21/23 10:55

Ana. By: 1048
 Ana. On: 11/21/23 14:04

Initial (g): 0.1038
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.40	1	0.85	0.040	0.040

Foreign Matter

Batch: B3K2117
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 11/21/23 11:09

Ana. By: 1048
 Ana. On: 11/21/23 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