

Certificate of Analysis For:

The Flowery

Laboratory ID:

HK09015-01

Sample Name:

1000144574

Cultivation Facility:	<i>Homestead</i>
Processing Facility:	<i>Homestead</i>
Cultivar:	<i>GMO</i>
Batch Name:	<i>1000144574</i>
Batch Date:	<i>11/08/2023</i>
Batch Size:	<i>449 g</i>
Batch Unit Size:	<i>1 g</i>
Batch Units Sampled:	<i>16</i>
Total Amt. Sampled:	<i>16 g</i>
Sample Matrix:	<i>Live Rosin</i>
Administration Route:	<i>Inhalation</i>
Product Name:	<i>710 LIVE ROSIN</i>



The Flowery

30003 SW 197th Ave. Homestead, FL 33030

1000144574

Sample Alias: **GMO**
Sample Date: **11/09/23**
Sample Matrix: **Live Rosin**

Lab ID: **HK09015-01**
Received: **11/09/23 14:08**
Completed: **11/13/23 17:32**

POTENCY DETAILS

delta 9-THC	0.303%
CBD	<LOQ%
CBN	<LOQ%
THCa	73.7%
CBDa	0.186%
delta 8-THC	<LOQ%
CBGa	3.16%
THCV	<LOQ%
CBDV	<LOQ%
CBC	<LOQ%
CBG	0.345%

Total THC
64.9% (649 mg)

Total CBD
0.163% (1.63 mg)

Total Active Cannabinoids
77.7% (777 mg)

Total CBG
3.12% (31.2 mg)

Total CBN
<LOQ%

TERPENES

Analyte	%
beta-Myrcene	2.40
beta-Caryophyllene	1.85
d-Limonene	1.38
alpha-Humulene	0.694
alpha-Bisabolol	0.308
beta-Pinene	0.161
Linalool	0.131
alpha-Pinene	0.107
Fenchyl Alcohol	0.0944
alpha-Terpineol	0.0763
Camphene	0.0293
(+/-)-Borneol	0.0268
Terpinolene	0.0172

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: 7.28%

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LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

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Potency by HPLC

Batch: B3K0941
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 11/10/23 08:04

Ana. By: 1022
 Ana. On: 11/10/23 20:06

Initial (g): 0.1035
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	64.9	100	0.125	0.966	Total CBD	0.163	1	0.002	0.010
delta 8-THC	ND	1	0.001	0.010	delta 9-THC	0.303	1	0.001	0.010
THCa	73.7	100	0.066	0.966	THCV	ND	1	0.001	0.010
CBD	ND	1	0.001	0.010	CBDa	0.186	1	0.001	0.010
CBDV	ND	1	0.001	0.010	CBC	ND	1	0.003	0.010
CBG	0.345	1	0.001	0.010	CBGa	3.16	100	0.062	0.966
CBN	ND	1	0.001	0.010					

Terpene Screen by GC/MS

Batch: B3K0947
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 11/10/23 10:35

Ana. By: 1050
 Ana. On: 11/10/23 12:13

Initial (g): 0.1032
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.107	1	0.005	0.010	Camphene	0.0293	1	0.005	0.010
beta-Pinene	0.161	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	1.38	1	0.005	0.010	1,8-Cineole (Eucalyptol)	ND	1	0.005	0.010
gamma-Terpinene	ND	1	0.005	0.010	Terpinolene	0.0172	1	0.005	0.010
Isopulegol	ND	1	0.005	0.010	Linalool	0.131	1	0.005	0.010
Geraniol	ND	1	0.005	0.010	beta-Caryophyllene	1.85	1	0.005	0.010
alpha-Humulene	0.694	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	0.0268	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	0.308	1	0.005	0.010	alpha-Phellandrene	ND	1	0.005	0.010
alpha-Terpineol	0.0763	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	2.40	1	0.005	0.010	Sabinene Hydrate	ND	1	0.005	0.010
alpha-Cedrene	ND	1	0.005	0.010	Fenchyl Alcohol	0.0944	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

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Lab ID: **HK09015-01**
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Pesticides by LC-QQQ

Batch: B3K0945
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 11/10/23 08:58

Ana. By: 1056
 Ana. On: 11/10/23 19:58

Initial (g): 0.1032
 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	17.539	48.450	Acephate	ND	10	100	12.015	48.450
Acequinocyl	ND	10	100	7.171	48.450	Acetamiprid	ND	10	100	6.202	48.450
Aldicarb	ND	10	100	18.217	48.450	Azoxystrobin	ND	10	100	8.915	24.225
Bifenazate	ND	10	100	9.205	24.225	Bifenthrin	ND	10	100	7.461	48.450
Boscalid	ND	10	100	28.295	48.450	Chlorpyrifos	ND	10	100	8.236	24.225
Carbaryl	ND	10	500	15.116	48.450	Carbofuran	ND	10	100	7.171	12.112
Chlorantraniliprole	ND	10	1000	15.504	121.124	Chlormequat chloride	ND	10	1000	6.008	48.450
Clofentezine	ND	10	200	9.496	96.899	Coumaphos	ND	10	100	13.178	24.225
Cyfluthrin	ND	10	500	74.322	193.798	Cypermethrin	ND	10	500	18.605	121.124
Daminozide	ND	10	100	15.116	48.450	Diazinon	ND	10	100	5.329	24.225
Dichlorvos	ND	10	100	19.283	48.450	Dimethoate	ND	10	100	2.229	12.112
Dimethomorph, Total	ND	10	200	5.911	48.450	Ethoprophos	ND	10	100	10.271	12.112
Etofenprox	ND	10	100	8.043	48.450	Etioazole	ND	10	100	7.171	48.450
Fenhexamid	ND	10	100	9.593	48.450	Fenoxycarb	ND	10	100	8.721	24.225
Fenpyroximate	ND	10	100	4.360	48.450	Fipronil	ND	10	100	22.965	48.450
Flonicamid	ND	10	100	8.140	48.450	Fludioxonil	ND	10	100	17.054	48.450
Hexythiazox	ND	10	100	5.911	48.450	Imazalil	ND	10	100	10.368	48.450
Imidacloprid	ND	10	400	8.818	96.899	Kresoxim-Methyl	ND	10	100	8.624	48.450
Malathion	ND	10	200	28.295	48.450	Metalaxyl	ND	10	100	9.593	48.450
Methiocarb	ND	10	100	17.733	48.450	Methomyl	ND	10	100	3.779	24.225
Mevinphos	ND	10	100	10.271	48.450	Myclobutanil	ND	10	100	13.857	48.450
Dibrom (Naled)	ND	10	250	18.508	48.450	Oxamyl	ND	10	250	4.070	12.112
Paclobutrazol	ND	10	100	14.244	48.450	Permethrin	ND	10	100	7.752	48.450
Phosmet	ND	10	100	8.721	48.450	Piperonyl butoxide	ND	10	3000	3.973	48.450
Prallethrin	ND	10	100	11.337	24.225	Propiconazole (Tilt)	ND	10	100	8.721	48.450
Pyridaben	ND	10	200	3.004	48.450	Pyrethrins, Total	ND	10	500	10.465	48.450
Spinetoram, Total	ND	10	200	6.492	48.450	Spiromesifen	ND	10	100	7.074	12.112
Spirotetramat	ND	10	100	8.527	48.450	Spiroxamine	ND	10	100	4.845	48.450
Tebuconazole	ND	10	100	7.655	48.450	Thiacloprid	ND	10	100	3.198	48.450
Thiamethoxam	ND	10	500	4.360	96.899	Trifloxystrobin	ND	10	100	7.946	48.450
Baygon (Propoxur)	ND	10	100	5.717	48.450	Spinosad, Total	ND	10	100	8.624	35.126

Mycotoxins by LC-QQQ

Batch: B3K0945
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 11/10/23 08:58

Ana. By: 1056
 Ana. On: 11/13/23 12:23

Initial (g): 0.1032
 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	5.698	9.690	Ochratoxin A	ND	10	20	4.884	9.690
Aflatoxin G2	ND	10	20	14.438	19.380	Aflatoxin G1	ND	10	20	6.279	14.535
Aflatoxin B2	ND	10	20	7.519	14.535	Aflatoxin B1	ND	10	20	5.698	9.690

Pesticides by GC-QQQ

Batch: B3K0945
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 11/10/23 08:58

Ana. By: 1039
 Ana. On: 11/10/23 20:32

Initial (g): 0.1032
 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	33.188	72.674	Methyl parathion	ND	5	100	16.570	72.674
Captan	ND	5	700	47.723	72.674	Chlordane, Total	ND	5	100	37.791	72.674
Chlorfenapyr	ND	5	100	42.248	72.674						

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Microbials by qPCR

Batch: B3K0934
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 11/10/23 10:45

Ana. By: 1053
 Ana. On: 11/11/23 16:07

Initial (g): 0.2548
 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: B3K0935
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 11/10/23 12:50

Ana. By: 1069
 Ana. On: 11/10/23 14:15

Initial (g): 0.2514
 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: B3K0950
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 11/10/23 09:40

Ana. By: 1005
 Ana. On: 11/10/23 22:08

Initial (g): 0.255
 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	19.608	98.039	Cadmium	ND	1	200	19.608	98.039
Lead	ND	1	500	49.020	245.098	Mercury	ND	1	200	19.608	49.020

Residual Solvents by GC/MS-HS

Batch: B3K0905
 SOP: MCS-SOP-O03

Prep By: 1028
 Prep On: 11/9/23 15:57

Ana. By: 1028
 Ana. On: 11/10/23 00:15

Initial (g): 0.0209
 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	95.694	239.235	n-Butane	ND	1	5000	95.694	239.235
Methanol	ND	1	250	23.923	95.694	Ethylene Oxide	ND	1	5	0.478	2.392
Ethanol	ND	1	5000	478.469	574.163	Pentane	ND	1	750	71.770	239.235
Ethyl Ether	ND	1	500	47.847	239.235	Acetone	ND	1	750	71.770	239.235
1,1-Dichloroethylene	ND	1	8	0.294	1.435	Isopropyl Alcohol (2-Propanol)	ND	1	500	47.847	239.235
Acetonitrile	ND	1	60	5.742	28.708	Methylene Chloride	ND	1	125	11.962	47.847
Hexane	ND	1	250	23.923	119.617	Ethyl Acetate	ND	1	400	38.278	191.388
Chloroform	ND	1	2	0.132	0.957	1,2-Dichloroethane	ND	1	2	0.172	0.957
Benzene	ND	1	1	0.055	0.096	Heptane	ND	1	5000	95.694	239.235
Trichloroethene (Trichloroethylene)	ND	1	25	2.392	11.962	Toluene	ND	1	150	14.354	71.770
m/p-Xylenes	ND	1	100	7.177	28.708	o-xylene	ND	1	50	7.177	28.708

Water Activity by REH

Batch: B3K0952
 SOP: MCS-SOP-G03

Prep By: 1030
 Prep On: 11/10/23 09:08

Ana. By: 1048
 Ana. On: 11/10/23 11:16

Initial (g): 0.1006
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.37	1	0.85	0.040	0.040

Foreign Matter

Batch: B3K1008
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 11/10/23 10:27

Ana. By: 1048
 Ana. On: 11/10/23 11:00

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

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