

Certificate of Analysis For:

The Flowery

Laboratory ID:

HJ31016-03

Sample Name:

1000141031

Cultivation Facility:	<i>Homestead</i>
Processing Facility:	<i>Homestead</i>
Cultivar:	<i>Papaya</i>
Batch Name:	<i>1000141031</i>
Batch Date:	<i>10/30/2023</i>
Batch Size:	<i>377 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>Sauce</i>
Administration Route:	<i>Inhalation</i>
Product Name:	<i>710 PERSY SAUCE</i>



The Flowery

30003 SW 197th Ave. Homestead, FL 33030

1000141031

Sample Alias: *Papaya*
Sample Date: 10/31/23
Sample Matrix: Sauce

Lab ID: **HJ31016-03**
Received: 10/31/23 16:27
Completed: 11/03/23 10:00

POTENCY DETAILS

delta 9-THC	3.49%
CBD	<LOQ%
CBN	<LOQ%
THCa	76.0%
CBDa	0.164%
delta 8-THC	<LOQ%
CBGa	1.93%
THCV	<LOQ%
CBDV	<LOQ%
CBC	<LOQ%
CBG	0.801%

Total THC
70.2% (702 mg)

Total CBD
0.144% (1.44 mg)

Total Active Cannabinoids
82.4% (824 mg)

Total CBG
2.49% (24.9 mg)

Total CBN
<LOQ%

TERPENES

Analyte	%
d-Limonene	2.11
beta-Myrcene	1.10
Linalool	0.876
beta-Caryophyllene	0.710
Guaiol	0.443
alpha-Humulene	0.215
beta-Pinene	0.169
alpha-Pinene	0.139
alpha-Bisabolol	0.138
alpha-Terpineol	0.138
Fenchyl Alcohol	0.130
(+/-)-Borneol	0.0389
Camphene	0.0357
Terpinolene	0.0308

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: 6.27%

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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

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Lab ID: **HJ31016-03**
 Received: 10/31/23 16:27
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Potency by HPLC

Batch: B3J3125
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 11/1/23 09:45

Ana. By: 1022
 Ana. On: 11/1/23 23:33

Initial (g): 0.1024
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	70.2	100	0.126	0.977	Total CBD	0.144	1	0.002	0.010
delta 8-THC	ND	1	0.001	0.010	delta 9-THC	3.49	100	0.067	0.977
THCa	76.0	100	0.066	0.977	THCV	ND	1	0.001	0.010
CBD	ND	1	0.001	0.010	CBDa	0.164	1	0.001	0.010
CBDV	ND	1	0.001	0.010	CBC	ND	1	0.003	0.010
CBG	0.801	1	0.001	0.010	CBGa	1.93	100	0.063	0.977
CBN	ND	1	0.001	0.010					

Terpene Screen by GC/MS

Batch: B3J3129
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 11/1/23 12:13

Ana. By: 1050
 Ana. On: 11/1/23 20:36

Initial (g): 0.101
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.139	1	0.005	0.010	Camphene	0.0357	1	0.005	0.010
beta-Pinene	0.169	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	2.11	1	0.005	0.010	1,8-Cineole (Eucalyptol)	ND	1	0.005	0.010
gamma-Terpinene	ND	1	0.005	0.010	Terpinolene	0.0308	1	0.005	0.010
Isopulegol	ND	1	0.005	0.010	Linalool	0.876	1	0.005	0.010
Geraniol	ND	1	0.005	0.010	beta-Caryophyllene	0.710	1	0.005	0.010
alpha-Humulene	0.215	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	0.0389	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	0.138	1	0.005	0.010	alpha-Phellandrene	ND	1	0.005	0.010
alpha-Terpineol	0.138	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	1.10	1	0.005	0.010	Sabinene Hydrate	ND	1	0.005	0.010
alpha-Cedrene	ND	1	0.005	0.010	Fenchyl Alcohol	0.130	1	0.005	0.010
Guaiol	0.443	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

1000141031

Sample Alias: *Papaya*
 Sample Date: 10/31/2023
 Sample Matrix: Sauce

Lab ID: **HJ31016-03**
 Received: 10/31/23 16:27
 Completed: 11/03/23 10:00

Pesticides by LC-QQQ

Batch: B3J3127
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 11/1/23 11:52

Ana. By: 1056
 Ana. On: 11/1/23 20:27

Initial (g): 0.1034
 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	17.505	48.356	Acephate	ND	10	100	11.992	48.356
Acequinocyl	ND	10	100	7.157	48.356	Acetamiprid	ND	10	100	6.190	48.356
Aldicarb	ND	10	100	18.182	48.356	Azoxystrobin	ND	10	100	8.897	24.178
Bifenazate	ND	10	100	9.188	24.178	Bifenthrin	ND	10	100	7.447	48.356
Boscalid	ND	10	100	28.240	48.356	Chlorpyrifos	ND	10	100	8.221	24.178
Carbaryl	ND	10	500	15.087	48.356	Carbofuran	ND	10	100	7.157	12.089
Chlorantraniliprole	ND	10	1000	15.474	120.890	Chlormequat chloride	ND	10	1000	5.996	48.356
Clofentezine	ND	10	200	9.478	96.712	Coumaphos	ND	10	100	13.153	24.178
Cyfluthrin	ND	10	500	74.178	193.424	Cypermethrin	ND	10	500	18.569	120.890
Daminozide	ND	10	100	15.087	48.356	Diazinon	ND	10	100	5.319	24.178
Dichlorvos	ND	10	100	19.246	48.356	Dimethoate	ND	10	100	2.224	12.089
Dimethomorph, Total	ND	10	200	5.899	48.356	Ethoprophos	ND	10	100	10.251	12.089
Etofenprox	ND	10	100	8.027	48.356	Etoxazole	ND	10	100	7.157	48.356
Fenhexamid	ND	10	100	9.574	48.356	Fenoxycarb	ND	10	100	8.704	24.178
Fenpyroximate	ND	10	100	4.352	48.356	Fipronil	ND	10	100	22.921	48.356
Flonicamid	ND	10	100	8.124	48.356	Fludioxonil	ND	10	100	17.021	48.356
Hexythiazox	ND	10	100	5.899	48.356	Imazalil	ND	10	100	10.348	48.356
Imidacloprid	ND	10	400	8.801	96.712	Kresoxim-Methyl	ND	10	100	8.607	48.356
Malathion	ND	10	200	28.240	48.356	Metalaxyl	ND	10	100	9.574	48.356
Methiocarb	ND	10	100	17.698	48.356	Methomyl	ND	10	100	3.772	24.178
Mevinphos	ND	10	100	10.251	48.356	Myclobutanil	ND	10	100	13.830	48.356
Dibrom (Naled)	ND	10	250	18.472	48.356	Oxamyl	ND	10	250	4.062	12.089
Paclobutrazol	ND	10	100	14.217	48.356	Permethrin	ND	10	100	7.737	48.356
Phosmet	ND	10	100	8.704	48.356	Piperonyl butoxide	ND	10	3000	3.965	48.356
Prallethrin	ND	10	100	11.315	24.178	Propiconazole (Tilt)	ND	10	100	8.704	48.356
Pyridaben	ND	10	200	2.998	48.356	Pyrethrins, Total	ND	10	500	10.445	48.356
Spinetoram, Total	ND	10	200	6.480	48.356	Spiromesifen	ND	10	100	7.060	12.089
Spirotetramat	ND	10	100	8.511	48.356	Spiroxamine	ND	10	100	4.836	48.356
Tebuconazole	ND	10	100	7.640	48.356	Thiacloprid	ND	10	100	3.191	48.356
Thiamethoxam	ND	10	500	4.352	96.712	Trifloxystrobin	ND	10	100	7.930	48.356
Baygon (Propoxur)	ND	10	100	5.706	48.356	Spinosad, Total	ND	10	100	8.607	35.058

Mycotoxins by LC-QQQ

Batch: B3J3127
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 11/1/23 11:52

Ana. By: 1056
 Ana. On: 11/2/23 03:03

Initial (g): 0.1034
 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	5.687	9.671	Ochratoxin A	ND	10	20	4.874	9.671
Aflatoxin G2	ND	10	20	14.410	19.342	Aflatoxin G1	ND	10	20	6.267	14.507
Aflatoxin B2	ND	10	20	7.505	14.507	Aflatoxin B1	ND	10	20	5.687	9.671

Pesticides by GC-QQQ

Batch: B3J3127
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 11/1/23 11:52

Ana. By: 1039
 Ana. On: 11/1/23 21:45

Initial (g): 0.1034
 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	33.124	72.534	Methyl parathion	ND	5	100	16.538	72.534
Captan	ND	5	700	47.631	72.534	Chlordane, Total	ND	5	100	37.718	72.534
Chlorfenapyr	ND	5	100	42.166	72.534						

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Lab ID: **HJ31016-03**
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Microbials by qPCR

Batch: B3J3119
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 11/1/23 09:20

Ana. By: 1058
 Ana. On: 11/2/23 10:49

Initial (g): 0.2532
 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: B3J3120
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 11/1/23 11:18

Ana. By: 1069
 Ana. On: 11/1/23 12:37

Initial (g): 0.2532
 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: B3J3131
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 11/1/23 11:14

Ana. By: 1005
 Ana. On: 11/1/23 16:09

Initial (g): 0.2545
 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	19.646	98.232	Cadmium	ND	1	200	19.646	98.232
Lead	ND	1	500	49.116	245.580	Mercury	ND	1	200	19.646	49.116

Residual Solvents by GC/MS-HS

Batch: B3J3113
 SOP: MCS-SOP-O03

Prep By: 1028
 Prep On: 10/31/23 16:57

Ana. By: 1028
 Ana. On: 11/1/23 20:08

Initial (g): 0.0229
 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	87.336	218.341	n-Butane	ND	1	5000	87.336	218.341
Methanol	ND	1	250	21.834	87.336	Ethylene Oxide	ND	1	5	0.437	2.183
Ethanol	ND	1	5000	436.681	524.018	Pentane	ND	1	750	65.502	218.341
Ethyl Ether	ND	1	500	43.668	218.341	Acetone	ND	1	750	65.502	218.341
1,1-Dichloroethylene	ND	1	8	0.268	1.310	Isopropyl Alcohol (2-Propanol)	ND	1	500	43.668	218.341
Acetonitrile	ND	1	60	5.240	26.201	Methylene Chloride	ND	1	125	10.917	43.668
Hexane	ND	1	250	21.834	109.170	Ethyl Acetate	ND	1	400	34.934	174.673
Chloroform	ND	1	2	0.121	0.873	1,2-Dichloroethane	ND	1	2	0.157	0.873
Benzene	ND	1	1	0.050	0.087	Heptane	ND	1	5000	87.336	218.341
Trichloroethene (Trichloroethylene)	ND	1	25	2.183	10.917	Toluene	ND	1	150	13.100	65.502
m/p-Xylenes	ND	1	100	6.550	26.201	o-xylene	ND	1	50	6.550	26.201

Water Activity by REH

Batch: B3K0133
 SOP: MCS-SOP-G03

Prep By: 1030
 Prep On: 11/1/23 13:16

Ana. By: 1048
 Ana. On: 11/2/23 10:38

Initial (g): 0.102
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.33	1	0.85	0.040	0.040

Foreign Matter

Batch: B3K0111
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 11/1/23 11:05

Ana. By: 1048
 Ana. On: 11/1/23 13:00

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

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