

Certificate of Analysis For:

## The Flowery

Laboratory ID:

**HK10021-02**

Sample Name:

**1000144666**

<b>Cultivation Facility:</b>	<i>Homestead</i>
<b>Processing Facility:</b>	<i>Homestead</i>
<b>Cultivar:</b>	<i>Bacio Gelato</i>
<b>Batch Name:</b>	<i>1000144666</i>
<b>Batch Date:</b>	<i>11/09/2023</i>
<b>Batch Size:</b>	<i>675 g</i>
<b>Batch Unit Size:</b>	<i>1 g</i>
<b>Batch Units Sampled:</b>	<i>16</i>
<b>Total Amt. Sampled:</b>	<i>16 g</i>
<b>Sample Matrix:</b>	<i>Live Sauce</i>
<b>Administration Route:</b>	<i>Inhalation</i>
<b>Product Name:</b>	<i>Preferred G: LIVE SAUCE</i>



## The Flowery

30003 SW 197th Ave. Homestead, FL 33030

**1000144666**

Sample Alias: *Bacio Gelato*  
Sample Date: 11/10/23  
Sample Matrix: Live Sauce

Lab ID: **HK10021-02**  
Received: 11/10/23 15:00  
Completed: 11/14/23 15:31

### POTENCY DETAILS

delta 9-THC	5.22%
CBD	0.0111%
CBN	0.0667%
THCa	75.7%
CBDa	0.147%
delta 8-THC	<LOQ%
CBGa	2.72%
THCV	0.0515%
CBDV	<LOQ%
CBC	<LOQ%
CBG	0.409%

Total THC  
**71.6% (716 mg)**

Total CBD  
**0.140% (1.40 mg)**

Total Active Cannabinoids  
**84.3% (843 mg)**

Total CBG  
**2.79% (27.9 mg)**

Total CBN  
**0.0667% (0.667 mg)**

### TERPENES

Analyte	%
beta-Caryophyllene	1.79
d-Limonene	1.63
Linalool	0.667
beta-Myrcene	0.561
alpha-Humulene	0.454
Ocimene, Total	0.267
alpha-Terpineol	0.246
Fenchyl Alcohol	0.226
alpha-Bisabolol	0.203
Caryophyllene oxide	0.195
beta-Pinene	0.116
alpha-Pinene	0.101
(+/-)-Borneol	0.0394
Camphene	0.0268
Terpinolene	0.0225

**Total Terpenes: 6.54%**

### 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		

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LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

1000144666

Sample Alias: *Bacio Gelato*  
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 Completed: 11/14/23 15:31

## Potency by HPLC

Batch: B3K1028  
 SOP: MCS-SOP-002

Prep By: 1044  
 Prep On: 11/13/23 09:19

Ana. By: 1057  
 Ana. On: 11/13/23 18:14

Initial (g): 0.1028  
 Final (g): 10

Analyte ( % )	Result	Diln	MDL	PQL	Analyte ( % )	Result	Diln	MDL	PQL
Total THC	71.6	100	0.125	0.973	Total CBD	0.140	1	0.002	0.010
delta 8-THC	ND	1	0.001	0.010	delta 9-THC	5.22	100	0.067	0.973
THCa	75.7	100	0.066	0.973	THCV	0.0515	1	0.001	0.010
CBD	0.0111	1	0.001	0.010	CBDa	0.147	1	0.001	0.010
CBDV	ND	1	0.001	0.010	CBC	ND	1	0.003	0.010
CBG	0.409	1	0.001	0.010	CBGa	2.72	100	0.062	0.973
CBN	0.0667	1	0.001	0.010					

## Terpene Screen by GC/MS

Batch: B3K1033  
 SOP: MCS-SOP-004

Prep By: 1055  
 Prep On: 11/13/23 13:54

Ana. By: 1050  
 Ana. On: 11/14/23 09:20

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

Analyte ( % )	Result	Diln	MDL	PQL	Analyte ( % )	Result	Diln	MDL	PQL
alpha-Pinene	0.101	1	0.005	0.010	Camphene	0.0268	1	0.005	0.010
beta-Pinene	0.116	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	1.63	1	0.005	0.010	1,8-Cineole (Eucalyptol)	ND	1	0.005	0.010
gamma-Terpinene	ND	1	0.005	0.010	Terpinolene	0.0225	1	0.005	0.010
Isopulegol	ND	1	0.005	0.010	Linalool	0.667	1	0.005	0.010
Geraniol	ND	1	0.005	0.010	beta-Caryophyllene	1.79	1	0.005	0.010
alpha-Humulene	0.454	1	0.005	0.010	cis-Nerolidol	ND	1	0.005	0.010
Caryophyllene oxide	0.195	1	0.005	0.010	(+/-)-Fenchone	ND	1	0.005	0.010
(+/-)-Borneol	0.0394	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	0.203	1	0.005	0.010	alpha-Phellandrene	ND	1	0.005	0.010
alpha-Terpineol	0.246	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	0.561	1	0.005	0.010	Sabinene Hydrate	ND	1	0.005	0.010
alpha-Cedrene	ND	1	0.005	0.010	Fenchyl Alcohol	0.226	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	0.267	1	0.005	0.010
gamma-Terpineol	ND	1	0.005	0.010	Menthol	ND	1	0.005	0.010

1000144666

Sample Alias: *Bacio Gelato*  
 Sample Date: 11/10/2023  
 Sample Matrix: Live Sauce

Lab ID: **HK10021-02**  
 Received: 11/10/23 15:00  
 Completed: 11/14/23 15:31

## Pesticides by LC-QQQ

Batch: B3K1031  
 SOP: MCS-SOP-001b

Prep By: 1030  
 Prep On: 11/13/23 11:04

Ana. By: 1056  
 Ana. On: 11/13/23 18:01

Initial (g): 0.1011  
 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	17.903	49.456	Acephate	ND	10	100	12.265	49.456
Acequinocyl	ND	10	100	7.319	49.456	Acetamiprid	ND	10	100	6.330	49.456
Aldicarb	ND	10	100	18.595	49.456	Azoxystrobin	ND	10	100	9.100	24.728
Bifenazate	ND	10	100	9.397	24.728	Bifenthrin	ND	10	100	7.616	49.456
Boscalid	ND	10	100	28.882	49.456	Chlorpyrifos	ND	10	100	8.408	24.728
Carbaryl	ND	10	500	15.430	49.456	Carbofuran	ND	10	100	7.319	12.364
Chlorantraniliprole	ND	10	1000	15.826	123.640	Chlormequat chloride	ND	10	1000	6.133	49.456
Clofentezine	ND	10	200	9.693	98.912	Coumaphos	ND	10	100	13.452	24.728
Cyfluthrin	ND	10	500	75.865	197.824	Cypermethrin	ND	10	500	18.991	123.640
Daminozide	ND	10	100	15.430	49.456	Diazinon	ND	10	100	5.440	24.728
Dichlorvos	ND	10	100	19.683	49.456	Dimethoate	ND	10	100	2.275	12.364
Dimethomorph, Total	ND	10	200	6.034	49.456	Ethoprophos	ND	10	100	10.485	12.364
Etofenprox	ND	10	100	8.210	49.456	Etoxazole	ND	10	100	7.319	49.456
Fenhexamid	ND	10	100	9.792	49.456	Fenoxycarb	ND	10	100	8.902	24.728
Fenpyroximate	ND	10	100	4.451	49.456	Fipronil	ND	10	100	23.442	49.456
Flonicamid	ND	10	100	8.309	49.456	Fludioxonil	ND	10	100	17.409	49.456
Hexythiazox	ND	10	100	6.034	49.456	Imazalil	ND	10	100	10.584	49.456
Imidacloprid	ND	10	400	9.001	98.912	Kresoxim-Methyl	ND	10	100	8.803	49.456
Malathion	ND	10	200	28.882	49.456	Metalaxyl	ND	10	100	9.792	49.456
Methiocarb	ND	10	100	18.101	49.456	Methomyl	ND	10	100	3.858	24.728
Mevinphos	ND	10	100	10.485	49.456	Myclobutanil	ND	10	100	14.144	49.456
Dibrom (Naled)	ND	10	250	18.892	49.456	Oxamyl	ND	10	250	4.154	12.364
Paclobutrazol	ND	10	100	14.540	49.456	Permethrin	ND	10	100	7.913	49.456
Phosmet	ND	10	100	8.902	49.456	Piperonyl butoxide	ND	10	3000	4.055	49.456
Prallethrin	ND	10	100	11.573	24.728	Propiconazole (Tilt)	ND	10	100	8.902	49.456
Pyridaben	ND	10	200	3.066	49.456	Pyrethrins, Total	ND	10	500	10.682	49.456
Spinetoram, Total	ND	10	200	6.627	49.456	Spiromesifen	ND	10	100	7.221	12.364
Spirotetramat	ND	10	100	8.704	49.456	Spiroxamine	ND	10	100	4.946	49.456
Tebuconazole	ND	10	100	7.814	49.456	Thiacloprid	ND	10	100	3.264	49.456
Thiamethoxam	ND	10	500	4.451	98.912	Trifloxystrobin	ND	10	100	8.111	49.456
Baygon (Propoxur)	ND	10	100	5.836	49.456	Spinosad, Total	ND	10	100	8.803	35.856

## Mycotoxins by LC-QQQ

Batch: B3K1031  
 SOP: MCS-SOP-001b

Prep By: 1030  
 Prep On: 11/13/23 11:04

Ana. By: 1056  
 Ana. On: 11/13/23 23:15

Initial (g): 0.1011  
 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	5.816	9.891	Ochratoxin A	ND	10	20	4.985	9.891
Aflatoxin G2	ND	10	20	14.738	19.782	Aflatoxin G1	ND	10	20	6.409	14.837
Aflatoxin B2	ND	10	20	7.676	14.837	Aflatoxin B1	ND	10	20	5.816	9.891

## Pesticides by GC-QQQ

Batch: B3K1031  
 SOP: MCS-SOP-001a

Prep By: 1030  
 Prep On: 11/13/23 11:04

Ana. By: 1062  
 Ana. On: 11/13/23 21:17

Initial (g): 0.1011  
 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	33.877	74.184	Methyl parathion	ND	5	100	16.914	74.184
Captan	ND	5	700	48.714	74.184	Chlordane, Total	ND	5	100	38.576	74.184
Chlorfenapyr	ND	5	100	43.126	74.184						

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 Completed: 11/14/23 15:31

**Microbials by qPCR**

Batch: B3K1026  
 SOP: MCS-SOP-M01

Prep By: 1053  
 Prep On: 11/11/23 10:55

Ana. By: 1053  
 Ana. On: 11/12/23 15:30

Initial (g): 0.2535  
 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: B3K1027  
 SOP: MCS-SOP-M01

Prep By: 1053  
 Prep On: 11/11/23 14:26

Ana. By: 1053  
 Ana. On: 11/11/23 15:55

Initial (g): 0.2538  
 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: B3K1035  
 SOP: MCS-SOP-I01

Prep By: 1029  
 Prep On: 11/13/23 11:55

Ana. By: 1005  
 Ana. On: 11/13/23 17:08

Initial (g): 0.2518  
 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	19.857	99.285	Cadmium	ND	1	200	19.857	99.285
Lead	ND	1	500	49.643	248.213	Mercury	ND	1	200	19.857	49.643

**Residual Solvents by GC/MS-HS**

Batch: B3K1010  
 SOP: MCS-SOP-O03

Prep By: 1028  
 Prep On: 11/10/23 15:55

Ana. By: 1028  
 Ana. On: 11/11/23 07:34

Initial (g): 0.0244  
 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	81.967	204.918	n-Butane	ND	1	5000	81.967	204.918
Methanol	ND	1	250	20.492	81.967	Ethylene Oxide	ND	1	5	0.410	2.049
Ethanol	ND	1	5000	409.836	491.803	Pentane	ND	1	750	61.475	204.918
Ethyl Ether	ND	1	500	40.984	204.918	Acetone	ND	1	750	61.475	204.918
1,1-Dichloroethylene	ND	1	8	0.252	1.230	Isopropyl Alcohol (2-Propanol)	50.2	1	500	40.984	204.918
Acetonitrile	ND	1	60	4.918	24.590	Methylene Chloride	ND	1	125	10.246	40.984
Hexane	ND	1	250	20.492	102.459	Ethyl Acetate	ND	1	400	32.787	163.934
Chloroform	ND	1	2	0.113	0.820	1,2-Dichloroethane	ND	1	2	0.148	0.820
Benzene	ND	1	1	0.047	0.082	Heptane	ND	1	5000	81.967	204.918
Trichloroethene (Trichloroethylene)	ND	1	25	2.049	10.246	Toluene	ND	1	150	12.295	61.475
m/p-Xylenes	ND	1	100	6.148	24.590	o-xylene	ND	1	50	6.148	24.590

**Water Activity by REH**

Batch: B3K1037  
 SOP: MCS-SOP-G03

Prep By: 1030  
 Prep On: 11/13/23 11:32

Ana. By: 1048  
 Ana. On: 11/13/23 16:15

Initial (g): 0.1008  
 Final (g): 0.1

Analyte ( Aw )	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.44	1	0.85	0.040	0.040

**Foreign Matter**

Batch: B3K1309  
 SOP: MCS-SOP-G01

Prep By: 1048  
 Prep On: 11/13/23 10:32

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