

Certificate of Analysis For:

The Flowery

Laboratory ID:

HG31007-01

Sample Name:

1000114101

Cultivation Facility:	<i>Homestead</i>
Processing Facility:	<i>Homestead</i>
Cultivar:	<i>BIESEL #1 + BLUEBERRY HAZE</i>
Batch Name:	<i>1000114101</i>
Batch Date:	<i>07/30/2023</i>
Batch Size:	<i>200 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

1000114101

Sample Alias: **BIESEL #1 + BLUEBERRY HAZE**
Sample Date: 07/31/23
Sample Matrix: Pod

Lab ID: **HG31007-01**
Received: 07/31/23 16:42
Completed: 08/03/23 17:12

POTENCY DETAILS

delta 9-THC

68.3%

CBD

0.153%

CBN

0.0807%

THCa

2.65%

CBDa

0.0504%

delta 8-THC

<LOQ%

CBGa

0.852%

THCV

0.449%

CBDV

<LOQ%

CBC

0.660%

CBG

2.24%

Total THC
70.6% (353 mg)

Total CBD
0.198% (0.990 mg)

Total Active Cannabinoids
75.4% (377 mg)

Total CBG
2.99% (14.9 mg)

Total CBN
0.0807% (0.404 mg)

TERPENES

Analyte	%
d-Limonene	2.02
beta-Caryophyllene	1.74
beta-Myrcene	1.46
alpha-Humulene	0.767
alpha-Pinene	0.589
alpha-Bisabolol	0.362
Linalool	0.313
Ocimene, Total	0.232
Fenchyl Alcohol	0.184
alpha-Terpineol	0.162
beta-Pinene	0.140
Guaiol	0.0768
Camphene	0.0630
(+/-)-Borneol	0.0488
Terpinolene	0.0236
alpha-Phellandrene	0.0194
(+/-)-Fenchone	0.0148
gamma-Terpinene	0.00940
alpha-Terpinene	0.00827

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: 8.23%

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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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Potency by HPLC

Batch: B3G3144
 SOP: MCS-SOP-002

Prep By: 1057
 Prep On: 8/1/23 09:36

Ana. By: 1022
 Ana. On: 8/1/23 17:26

Initial (g): 0.1011
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	70.6	100	0.128	0.989	Total CBD	0.198	1	0.002	0.010
delta 8-THC	ND	1	0.001	0.010	delta 9-THC	68.3	100	0.068	0.989
THCa	2.65	100	0.067	0.989	THCV	0.449	1	0.001	0.010
CBD	0.153	1	0.001	0.010	CBDa	0.0504	1	0.001	0.010
CBDV	ND	1	0.001	0.010	CBC	0.660	1	0.003	0.010
CBG	2.24	100	0.062	0.989	CBGa	0.852	1	0.001	0.010
CBN	0.0807	1	0.001	0.010					

Terpene Screen by GC/MS

Batch: B3G3148
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 8/1/23 10:36

Ana. By: 1050
 Ana. On: 8/1/23 13:42

Initial (g): 0.1029
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.589	1	0.005	0.010	Camphene	0.0630	1	0.005	0.010
beta-Pinene	0.140	1	0.005	0.010	3-Carene	ND	1	0.005	0.010
alpha-Terpinene	0.00827	1	0.005	0.010	Camphor	ND	1	0.005	0.010
d-Limonene	2.02	1	0.005	0.010	1,8-Cineole (Eucalyptol)	ND	1	0.005	0.010
gamma-Terpinene	0.00940	1	0.005	0.010	Terpinolene	0.0236	1	0.005	0.010
Isopulegol	ND	1	0.005	0.010	Linalool	0.313	1	0.005	0.010
Geraniol	ND	1	0.005	0.010	beta-Caryophyllene	1.74	1	0.005	0.010
alpha-Humulene	0.767	1	0.005	0.010	cis-Nerolidol	ND	1	0.005	0.010
Caryophyllene oxide	ND	1	0.005	0.010	(+/-)-Fenchone	0.0148	1	0.005	0.010
(+/-)-Borneol	0.0488	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	0.362	1	0.005	0.010	alpha-Phellandrene	0.0194	1	0.005	0.010
alpha-Terpineol	0.162	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	1.46	1	0.005	0.010	Sabinene Hydrate	ND	1	0.005	0.010
alpha-Cedrene	ND	1	0.005	0.010	Fenchyl Alcohol	0.184	1	0.005	0.010
Guaiol	0.0768	1	0.005	0.010	trans-Nerolidol	ND	1	0.005	0.010
Isoborneol	ND	1	0.005	0.010	Ocimene, Total	0.232	1	0.005	0.010
gamma-Terpineol	ND	1	0.005	0.010	Menthol	ND	1	0.005	0.010

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Sample Alias: **BIESEL #1 + BLUEBERRY HAZE**
 Sample Date: 7/31/2023
 Sample Matrix: Pod

Lab ID: **HG31007-01**
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Pesticides by LC-QQQ

Batch: B3G3146
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 8/1/23 09:27

Ana. By: 1056
 Ana. On: 8/1/23 18:27

Initial (g): 0.1029
 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	17.590	48.591	Acephate	ND	10	100	12.051	48.591
Acequinocyl	ND	10	100	7.191	48.591	Acetamiprid	ND	10	100	6.220	48.591
Aldicarb	ND	10	100	18.270	48.591	Azoxystrobin	ND	10	100	8.941	24.295
Bifenazate	ND	10	100	9.232	24.295	Bifenthrin	ND	10	100	7.483	48.591
Boscalid	ND	10	100	28.377	48.591	Chlorpyrifos	ND	10	100	8.260	24.295
Carbaryl	ND	10	500	15.160	48.591	Carbofuran	ND	10	100	7.191	12.148
Chlorantraniliprole	ND	10	1000	15.549	121.477	Chlormequat chloride	ND	10	1000	6.025	48.591
Clofentezine	ND	10	200	9.524	97.182	Coumaphos	ND	10	100	13.217	24.295
Cyfluthrin	ND	10	500	74.538	194.363	Cypermethrin	ND	10	500	18.659	121.477
Daminozide	ND	10	100	15.160	48.591	Diazinon	ND	10	100	5.345	24.295
Dichlorvos	ND	10	100	19.339	48.591	Dimethoate	ND	10	100	2.235	12.148
Dimethomorph, Total	ND	10	200	5.928	48.591	Ethoprophos	ND	10	100	10.301	12.148
Etofenprox	ND	10	100	8.066	48.591	Etoazole	ND	10	100	7.191	48.591
Fenhexamid	ND	10	100	9.621	48.591	Fenoxycarb	ND	10	100	8.746	24.295
Fenpyroximate	ND	10	100	4.373	48.591	Fipronil	ND	10	100	23.032	48.591
Flonicamid	ND	10	100	8.163	48.591	Fludioxonil	ND	10	100	17.104	48.591
Hexythiazox	ND	10	100	5.928	48.591	Imazalil	ND	10	100	10.398	48.591
Imidacloprid	ND	10	400	8.844	97.182	Kresoxim-Methyl	ND	10	100	8.649	48.591
Malathion	ND	10	200	28.377	48.591	Metalaxyl	ND	10	100	9.621	48.591
Methiocarb	ND	10	100	17.784	48.591	Methomyl	ND	10	100	3.790	24.295
Mevinphos	ND	10	100	10.301	48.591	Myclobutanil	ND	10	100	13.897	48.591
Dibrom (Naled)	ND	10	250	18.562	48.591	Oxamyl	ND	10	250	4.082	12.148
Paclobutrazol	ND	10	100	14.286	48.591	Permethrin	ND	10	100	7.775	48.591
Phosmet	ND	10	100	8.746	48.591	Piperonyl butoxide	ND	10	3000	3.984	48.591
Prallethrin	ND	10	100	11.370	24.295	Propiconazole (Tilt)	ND	10	100	8.746	48.591
Pyridaben	ND	10	200	3.013	48.591	Pyrethrins, Total	ND	10	500	10.496	48.591
Spinetoram, Total	ND	10	200	6.511	48.591	Spiromesifen	ND	10	100	7.094	12.148
Spirotetramat	ND	10	100	8.552	48.591	Spiroxamine	ND	10	100	4.859	48.591
Tebuconazole	ND	10	100	7.677	48.591	Thiacloprid	ND	10	100	3.207	48.591
Thiamethoxam	ND	10	500	4.373	97.182	Trifloxystrobin	ND	10	100	7.969	48.591
Baygon (Propoxur)	ND	10	100	5.734	48.591	Spinosad, Total	ND	10	100	8.649	35.228

Mycotoxins by LC-QQQ

Batch: B3G3146
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 8/1/23 09:27

Ana. By: 1056
 Ana. On: 8/2/23 00:03

Initial (g): 0.1029
 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	5.714	9.718	Ochratoxin A	ND	10	20	4.898	9.718
Aflatoxin G2	ND	10	20	14.480	19.436	Aflatoxin G1	ND	10	20	6.297	14.577
Aflatoxin B2	ND	10	20	7.541	14.577	Aflatoxin B1	ND	10	20	5.714	9.718

Pesticides by GC-QQQ

Batch: B3G3146
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 8/1/23 09:27

Ana. By: 1062
 Ana. On: 8/1/23 15:07

Initial (g): 0.1029
 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	33.285	72.886	Methyl parathion	ND	5	100	16.618	72.886
Captan	ND	5	700	47.862	72.886	Chlordane, Total	ND	5	100	37.901	72.886
Chlorfenapyr	ND	5	100	42.371	72.886						

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Microbials by qPCR

Batch: B3G3139
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 8/1/23 08:47

Ana. By: 1058
 Ana. On: 8/2/23 11:57

Initial (g): 0.2523
 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: B3G3140
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 8/1/23 10:30

Ana. By: 1069
 Ana. On: 8/1/23 11:45

Initial (g): 0.2524
 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: B3G3149
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 8/1/23 10:04

Ana. By: 1005
 Ana. On: 8/1/23 13:27

Initial (g): 0.2502
 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	19.984	99.920	Cadmium	ND	1	200	19.984	99.920
Lead	ND	1	500	49.960	249.800	Mercury	ND	1	200	19.984	49.960

Residual Solvents by GC/MS-HS

Batch: B3G3147
 SOP: MCS-SOP-O03

Prep By: 1028
 Prep On: 8/1/23 11:42

Ana. By: 1028
 Ana. On: 8/2/23 03:30

Initial (g): 0.0227
 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	88.106	220.264	n-Butane	ND	1	5000	88.106	220.264
Methanol	ND	1	250	22.026	88.106	Ethylene Oxide	ND	1	5	0.441	2.203
Ethanol	ND	1	5000	440.529	528.634	Pentane	ND	1	750	66.079	220.264
Ethyl Ether	ND	1	500	44.053	220.264	Acetone	ND	1	750	66.079	220.264
1,1-Dichloroethylene	ND	1	8	0.270	1.322	Isopropyl Alcohol (2-Propanol)	ND	1	500	44.053	220.264
Acetonitrile	ND	1	60	5.286	26.432	Methylene Chloride	ND	1	125	11.013	44.053
Hexane	ND	1	250	22.026	110.132	Ethyl Acetate	ND	1	400	35.242	176.212
Chloroform	ND	1	2	0.122	0.881	1,2-Dichloroethane	ND	1	2	0.159	0.881
Benzene	ND	1	1	0.050	0.088	Heptane	ND	1	5000	88.106	220.264
Trichloroethene (Trichloroethylene)	ND	1	25	2.203	11.013	Toluene	ND	1	150	13.216	66.079
m/p-Xylenes	ND	1	100	6.608	26.432	o-xylene	ND	1	50	6.608	26.432

Water Activity by REH

Batch: B3G3150
 SOP: MCS-SOP-G03

Prep By: 1030
 Prep On: 8/1/23 10:23

Ana. By: 1048
 Ana. On: 8/2/23 11:56

Initial (g): 0.103
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.36	1	0.85	0.040	0.040

Foreign Matter

Batch: B3H0104
 SOP: MCS-SOP-G01

Prep By: 1035
 Prep On: 8/1/23 09:24

Ana. By: 1047
 Ana. On: 8/1/23 10:58

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

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