



RiverRun Gardens

5 Perkins Way, Unit 8
Newburyport, MA 01950
will@riverrungardens.com

License #: MB281332

Certificate of Analysis

Final



Date Released: 9/11/2024 1:28:34PM

Report #: 40050

Lobster Pot Buds

Sample #: 75183, Weight: 10.00g, Unit Count:

Order #: X240904-0006

Category/Type: Raw Plant Material, Flower - Cured

Date Collected: 9/4/2024 1:05:19PM

Date Received: 9/9/2024 8:21:57AM

Date Analyzed: 9/11/2024 1:45:44PM

License # Sample ID: 1A40A03000038A5000006247

License # Source Package ID:

1A40A03000038A5000006238

License # Batch ID: LobsterPot 071924



Total Cannabinoids
267.51408 mg/g



Total THC
220.36322 mg/g



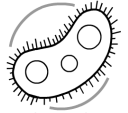
Total CBD
0.00000 mg/g



Total Terpenes
13.99 mg/g



Heavy Metals
PASS



Microbials
PASS



Pesticides
PASS



Mycotoxins
PASS

Cannabinoids

Total Cannabinoids: **267.51408 mg/g**

Total THC: **220.36322 mg/g**

Total CBD: **0.00000 mg/g**

Date Completed: 09/10/2024 2:35PM

Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
THCa	23978-85-0	0.528451	2.105263	243.83210	24.38321	
CBGA	25555-57-1	0.712506	2.105263	17.15951	1.71595	
d9-THC	1972-08-3	0.651946	2.105263	6.52247	0.65225	
d8-THC	5957-75-5	0.959417	2.105263	ND	ND	
CBD	13956-29-1	0.995967	2.105263	ND	ND	
CBDa	1244-58-2	0.672732	2.105263	ND	ND	
CBG	25654-31-3	0.887997	2.105263	<LOQ	<LOQ	
CBN	521-35-7	0.987261	2.105263	ND	ND	
CBC	20675-51-8	0.922839	2.105263	ND	ND	
THCV	31262-37-0	0.683418	2.105263	ND	ND	
CBDV	24274-48-4	0.646059	2.105263	ND	ND	



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Lower Level
Holyoke, MA 01040
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Jonathan Ferguson

Jonathan Ferguson, CEO
9/11/2024 2:32:55PM



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Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
THCVa	39986-26-0	0.03524	2.105263	<LOQ	<LOQ	

Test Comment: Total THC = (THCa * 0.877) + d9THC

Total Cannabinoids = Addition of all cannabinoids with no multiplier

Total CBD = (CBDa * 0.877) + CBD

****THCVa is pending ISO-17025 Accreditation****

Terpenes

Date Completed: 09/11/2024 8:57AM



Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
beta-Myrcene	123-35-3	0.0446	0.1338	4.83	0.48	
D-Limonene	5989-27-5	0.0397	0.1191	2.66	0.27	
beta-Caryophyllene	87-44-5	0.0220	0.0661	2.42	0.24	
Linalool	78-70-6	0.0320	0.0960	1.59	0.16	
alpha-Humulene	6753-98-6	0.0212	0.0637	0.85	0.08	
beta-Pinene	127-91-3	0.0499	0.1498	0.44	0.04	
Fenchyl Alcohol	1632-73-1	0.0145	0.0437	0.40	0.04	
alpha-Terpineol	98-55-5	0.0173	0.0520	0.32	0.03	
alpha-Pinene	80-56-8	0.0510	0.1531	0.29	0.03	
Borneol	507-70-0	0.0228	0.0684	0.12	0.01	
Valencene	4630-07-3	0.0190	0.0571	0.07	0.01	
alpha-Terpinene	99-86-5	0.0408	0.1225	ND	ND	



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Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
alpha-Cedrene	469-61-4	0.0253	0.0761	ND	ND	
Sabinene	3387-41-5	0.0156	0.0470	ND	ND	
alpha-Phellandrene	99-83-2	0.0232	0.0697	ND	ND	
Camphor	76-22-2	0.0331	0.0995	ND	ND	
Cedrol	77-53-2	0.0249	0.0749	ND	ND	
Farnesene	502-61-4	0.0453	0.1361	ND	ND	
Fenchone	1195-79-5	0.0342	0.1028	<LOQ	<LOQ	
gamma-Terpineol	586-81-2	0.0028	0.0086	ND	ND	
Geranyl Acetate	105-87-3	0.0254	0.0763	ND	ND	
Isoborneol	124-76-5	0.0157	0.0472	ND	ND	
Menthol	89-78-1	0.0369	0.1109	ND	ND	
Nerol	106-25-2	0.0228	0.0686	ND	ND	
Pulegone	89-82-7	0.0112	0.0338	ND	ND	
Sabinene Hydrate	546-79-2	0.0165	0.0495	ND	ND	
Camphene	79-92-5	0.0516	0.1550	<LOQ	<LOQ	
Caryophyllene Oxide	1139-30-6	0.0559	0.1679	<LOQ	<LOQ	
delta-3-Carene	13466-78-9	0.0796	0.2388	ND	ND	
Eucalyptol	470-82-6	0.0503	0.1510	ND	ND	
Guaiol	489-86-1	0.0675	0.2027	ND	ND	
Terpinolene	586-62-9	0.0481	0.1445	ND	ND	
alpha-Bisabolol	515-69-5	0.0966	0.2899	<LOQ	0.03	
cis-Nerolidol	142-50-7	0.0323	0.0969	ND	ND	
cis-Ocimene	3338-55-4	0.0280	0.0840	ND	ND	
gamma-Terpinene	99-85-4	0.0393	0.1180	ND	ND	
Geraniol	106-24-1	0.0479	0.1438	<LOQ	<LOQ	
Isopulegol	89-79-2	0.0535	0.1606	ND	ND	



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Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
trans-Nerolidol	40716-66-3	0.0390	0.1172	ND	ND	
trans-OCimene	3779-61-1	0.0289	0.0868	ND	ND	

Test Comment: The following analytes are not part of Green Valley Analytics ISO 17025 Scope of Accreditation:

Sabinene, alpha-Phellandrene, Sabinene Hydrate, Fenchone, Fenchyl Alcohol, Camphor, Isoborneol, Menthol, Borneol, alpha-Terpineol, gamma-Terpineol, Nerol, Pulegone, Geranyl Acetate, Farnesene, alpha-Cedrene, Valencene & Cedrol.

Mycotoxins

Pass

Date Completed: 09/11/2024 11:43AM

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB1	1.6499	4.9499	20	ND	Pass
AflatoxinB2	2.2521	6.7564	20	ND	Pass
AflatoxinG1	0.9461	2.8380	20	ND	Pass
AflatoxinG2	3.8346	11.5039	20	ND	Pass
OchratoxinA	2.5487	7.6462	20	ND	Pass
TotalAflatoxins				0	Pass

Metals

Pass

Date Completed: 09/10/2024 2:10PM

Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status
Arsenic	28.73	86.21	200	ND	Pass
Cadmium	21.74	83.33	200	ND	Pass
Lead	23.58	83.33	500	ND	Pass
Mercury	23.62	70.84	100	ND	Pass

Pesticides

Pass

Date Completed: 09/11/2024 11:45AM

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Bifenazate	2.5792	7.7377	10	ND	Pass



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Pesticides

Pass

Date Completed: 09/11/2024 11:45AM

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Bifenthrin	5.1561	15.4683	10	ND	Pass
Cyfluthrin	48.8	146.4	10	ND	Pass
Etoxazole	2.2610	6.7832	10	ND	Pass
Imazalil	2.1853	6.5559	10	ND	Pass
Imidacloprid	1.8548	5.5644	10	ND	Pass
Myclobutanil	2.1163	6.3489	10	ND	Pass
Spiromesifen	2.4051	7.2154	10	ND	Pass
Trifloxystrobin	2.4291	7.2874	10	ND	Pass

Microbials Count/Qualitative

Pass

Date Completed: 09/11/2024 1:45PM

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria		200	1000	<LOQ	Pass
Salmonella Qualitative			1	Not Detected	Pass
STEC Qualitative			1	Not Detected	Pass
Total Aerobic Bacteria		2000	100000	<LOQ	Pass
Total Coliforms		200	1000	<LOQ	Pass
Yeast & Mold		2000	10000	<LOQ	Pass



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