



RiverRun Gardens

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

License #: MB281332

Certificate of Analysis

Final



Date Released: 9/16/2023 8:27:10AM

Report #: 2612

Kosher Kush Buds

Sample #: 19919, Weight: 11.00g, Unit Count:

Order #: X230905-0001

Category/Type: Raw Plant Material, Flower - Cured

Date Collected: 9/5/2023 11:11:16AM

Date Received: 9/7/2023 2:34:20PM

Date Analyzed: 9/14/2023 9:05:53AM

METRC Sample ID: 1A40A03000038A5000003410

METRC Source Package ID:

1A40A03000038A5000003301

METRC Batch ID: Kosher Kush 7/19/23



Total Cannabinoids
261.08448 mg/g



Total THC
222.25849 mg/g



Total CBD
0.00000 mg/g



Total Terpenes
9.56 mg/g



Moisture
10.60 %



Heavy Metals
PASS



Microbials
PASS



Pesticides
PASS



Mycotoxins
PASS

Cannabinoids

Total Cannabinoids: **261.08448 mg/g**

Total THC: **222.25849 mg/g**

Total CBD: **0.00000 mg/g**

Date Completed: 09/14/2023 9:05AM

Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
THCa	23978-85-0	0.528451	2.105263	249.83488	24.98349	
CBGA	25555-57-1	0.712506	2.105263	8.09630	0.80963	
d9-THC	1972-08-3	0.651946	2.105263	3.15330	0.31533	
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	ND	ND	
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	



GVA Labs
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Jonathan Ferguson

Jonathan Ferguson, Acting Laboratory Director

9/16/2023 9:29:33AM



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

Total Cannabinoids = Addition of all cannabinoids with no multiplier

Total CBD = (CBDa * 0.877) + CBD

Terpenes

Date Completed: 09/11/2023 10:59AM



Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
Terpinolene	586-62-9	0.0481	0.1445	3.34	0.33	
D-Limonene	5989-27-5	0.0397	0.1191	1.61	0.16	
trans-Ocimene	3779-61-1	0.0289	0.0868	1.19	0.12	
beta-Pinene	127-91-3	0.0499	0.1498	0.93	0.09	
beta-Caryophyllene	87-44-5	0.0220	0.0661	0.75	0.08	
alpha-Pinene	80-56-8	0.0510	0.1531	0.63	0.06	
beta-Myrcene	123-35-3	0.0446	0.1338	0.55	0.06	
alpha-Humulene	6753-98-6	0.0212	0.0637	0.29	0.03	
alpha-Terpinene	99-86-5	0.0408	0.1225	0.15	0.02	
gamma-Terpinene	99-85-4	0.0393	0.1180	0.12	0.01	
Camphene	79-92-5	0.0516	0.1550	<LOQ	0.01	
Caryophyllene Oxide	1139-30-6	0.0559	0.1679	<LOQ	0.01	
delta-3-Carene	13466-78-9	0.0796	0.2388	<LOQ	0.02	
Eucalyptol	470-82-6	0.0503	0.1510	ND	0.00	
Guaiol	489-86-1	0.0675	0.2027	ND	0.00	
Linalool	78-70-6	0.0320	0.0960	<LOQ	0.01	



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Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
alpha-Bisabolol	515-69-5	0.0966	0.2899	<LOQ	0.01	
cis-Nerolidol	142-50-7	0.0323	0.0969	ND	0.00	
cis-Ocimene	3338-55-4	0.0280	0.0840	ND	0.00	
Geraniol	106-24-1	0.0479	0.1438	ND	0.00	
Isopulegol	89-79-2	0.0535	0.1606	ND	0.00	
p-Cymene	99-87-6	0.0380	0.1140	ND	0.00	
trans-Nerolidol	40716-66-3	0.0390	0.1172	ND	0.00	

Moisture LWG

Pass

Date Completed: 09/08/2023 7:44AM

Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status
Moisture				10.60	Pass

Mycotoxins

Pass

Date Completed: 09/13/2023 4:58PM

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: 09/12/2023 1:11PM

Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status
Arsenic	28.73	86.21	200	ND	Pass



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Metals		Pass			Date Completed: 09/12/2023 1:11PM	
Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status	
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: 09/13/2023 4:53PM	
Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status	
Bifenazate	2.5792	7.7377	10	ND	Pass	
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: 09/11/2023 5:27PM	
Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status	
Bile-Tolerant Gram Negative Bacteria			1000	0	Pass	
Salmonella Qualitative			1	Not Detected	Pass	
STEC Qualitative			1	Not Detected	Pass	
Total Aerobic Bacteria			100000	0	Pass	
Total Coliforms			1000	0	Pass	
Yeast & Mold			10000	0	Pass	



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