



# Certificate of Analysis

Powered by Confident Cannabis

## Virgin Hemp Farms

Milton LA, LA 70558  
 blaine@virginhempfarms.net  
 (337) 849-6481  
 Lic. #22-1100011

Sample: 2111DBL0240.10991

METRC Sample:  
 Batch #: 11.1.21

Strain: Kush Hemp

Ordered: 11/19/2021; Sampled: 11/19/2021; Completed: 12/01/2021

## Kush Hemp

Plant, Flower - Cured, Indoor



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



1.482%  
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Caryophyllene	0.010	0.521	5.21	
cis-Nerolidol	0.007	0.238	2.38	
δ-Limonene	0.010	0.201	2.01	
β-Myrcene	0.010	0.175	1.75	
α-Humulene	0.010	0.157	1.57	
Linalool	0.010	0.091	0.91	
α-Bisabolol	0.010	0.032	0.32	
β-Pinene	0.010	0.022	0.22	
Caryophyllene Oxide	0.010	0.020	0.20	
α-Pinene	0.010	0.015	0.15	
trans-Nerolidol	0.004	0.011	0.11	
α-Terpinene	0.010	<LOQ	<LOQ	
Camphene	0.010	<LOQ	<LOQ	
cis-Ocimene	0.007	<LOQ	<LOQ	
δ-3-Carene	0.010	<LOQ	<LOQ	
Eucalyptol	0.010	<LOQ	<LOQ	
γ-Terpinene	0.010	<LOQ	<LOQ	
Geraniol	0.010	<LOQ	<LOQ	
Guaiol	0.010	<LOQ	<LOQ	
Isopulegol	0.010	<LOQ	<LOQ	
p-Cymene	0.010	<LOQ	<LOQ	
Terpinolene	0.010	<LOQ	<LOQ	
trans-Ocimene	0.004	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



0.414%  
Total THC



12.892%  
Total CBD



14.5%  
Moisture: Pass

16.054%  
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.026	<LOQ	<LOQ	
CBCa	0.026	0.652	6.52	
CBD	0.026	0.350	3.50	
CBDa	0.026	14.301	143.01	
CBDV	0.026	<LOQ	<LOQ	
CBDVa	0.026	<LOQ	<LOQ	
CBG	0.026	<LOQ	<LOQ	
CBGa	0.026	0.279	2.79	
CBL	0.026	<LOQ	<LOQ	
CBN	0.026	<LOQ	<LOQ	
Δ8-THC	0.026	<LOQ	<LOQ	
Δ9-THC	0.026	<LOQ	<LOQ	
THCa	0.026	0.472	4.72	
THCV	0.026	<LOQ	<LOQ	
THCVa	0.026	<LOQ	<LOQ	

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



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## Kush Hemp

Plant, Flower - Cured, Indoor



### Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Paclbutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

### Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	90	1000	<LOQ	Pass
Coliforms	90	1000	<LOQ	Pass
Yeast & Mold	900	10000	<LOQ	Pass

  

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

### Mycotoxins

Analyzed by 300.2 Elisa

Not Tested

Mycotoxin	LOQ	Limit	Mass	Status

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	53	2000	<LOQ	Pass
Cadmium	53	820	<LOQ	Pass
Lead	53	1200	<LOQ	Pass
Mercury	53	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Not Tested

Compound	LOQ	Limit	Mass	Status



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