



Green Heaven Nursery

# Certificate of Analysis

Powered by Confident Cannabis

Sample: 2111DBL0290.11140

METRC Sample:  
Lot #: DDSE.KRD8.Blue25.21324

Strain: Hemp

Lic. #53908146183081867945

Ordered: 11/24/2021; Sampled: 11/29/2021; Completed: 12/03/2021; Harvest/Production Date: 11/20/2021

## Kramer HempD8 Blueberry 25mg

Ingestible, Soft Chew, Other



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g
<LOQ Total Terpenes			
α-Bisabolol	0.477	<LOQ	<LOQ
α-Humulene	0.477	<LOQ	<LOQ
α-Pinene	0.477	<LOQ	<LOQ
α-Terpinene	0.477	<LOQ	<LOQ
β-Caryophyllene	0.477	<LOQ	<LOQ
β-Myrcene	0.477	<LOQ	<LOQ
β-Pinene	0.477	<LOQ	<LOQ
Camphene	0.477	<LOQ	<LOQ
Caryophyllene Oxide	0.477	<LOQ	<LOQ
cis-Nerolidol	0.310	<LOQ	<LOQ
cis-Ocimene	0.310	<LOQ	<LOQ
δ-3-Carene	0.477	<LOQ	<LOQ
δ-Limonene	0.477	<LOQ	<LOQ
Eucalyptol	0.477	<LOQ	<LOQ
γ-Terpinene	0.477	<LOQ	<LOQ
Geraniol	0.477	<LOQ	<LOQ
Guaiol	0.477	<LOQ	<LOQ
Isopulegol	0.477	<LOQ	<LOQ
Linalool	0.477	<LOQ	<LOQ
p-Cymene	0.477	<LOQ	<LOQ
Terpinolene	0.477	<LOQ	<LOQ
trans-Nerolidol	0.167	<LOQ	<LOQ
trans-Ocimene	0.167	<LOQ	<LOQ

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
23.526 mg/unit Δ9-THC + Δ8-THC				
<LOQ CBD				
23.526 mg/unit Total Cannabinoids				
CBC	0.172	<LOQ	<LOQ	
CBCa	0.172	<LOQ	<LOQ	
CBD	0.172	<LOQ	<LOQ	
CBDa	0.172	<LOQ	<LOQ	
CBDV	0.172	<LOQ	<LOQ	
CBDVa	0.172	<LOQ	<LOQ	
CBG	0.172	<LOQ	<LOQ	
CBGa	0.172	<LOQ	<LOQ	
CBL	0.172	<LOQ	<LOQ	
CBN	0.172	<LOQ	<LOQ	
Δ8-THC	0.172	21.626	5.332	
Δ9-THC	0.172	1.900	0.468	
THCa	0.172	<LOQ	<LOQ	
THCV	0.172	<LOQ	<LOQ	
THCVa	0.172	<LOQ	<LOQ	

1 Unit = Kramer HempD8 Blueberry 25mg, 4.0561125g  
Total THC = 0.877 x THCa + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD

Pass

pH: NT  
Aw: 0.66

Not Tested  
Homogeneity



*Benjamin G.M. Chew, Ph.D.*  
Benjamin G.M. Chew, Ph.D.  
Laboratory Director

*Glen Marquez*  
Glen Marquez  
Quality Control



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### 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
Pacllobutrazol	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	
Aerobic Bacteria	1000	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	100	1000	<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	39	2000	<LOQ	Pass
Cadmium	39	820	<LOQ	Pass
Lead	39	1200	<LOQ	Pass
Mercury	39	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	75	500	<LOQ	Pass
Ethanol	75		2988	Tested
Heptanes	75	500	<LOQ	Pass
Propane	75	500	<LOQ	Pass



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