Certificate of Analysis

Powered by Confident Cannabis

Green Heaven Nursery

Sample: 2111DBL0290.11142

METRC Sample:

Lot #: DDSE.KRD8.PKIN25.21324

Strain: Hemp

Lic. #53908146183081867945

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

Kramer HempD8 Pumpkin 25mg

Ingestible, Soft Chew, Other

Pesticides	Microbials	Mycotoxins	Heavy Metals	Foreign Matter	Solvents
APPROVED	APPROVED	NA	APPROVED	APPROVED	APPROVED

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

<LOQ
Total Terpenes

Compound	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/g
α-Bisabolol	0.318	<LOQ	<LOQ
α-Humulene	0.318	<LOQ	<LOQ
α-Pinene	0.318	<LOQ	<LOQ
α-Terpinene	0.318	<LOQ	<LOQ
β-Caryophyllene	0.318	<LOQ	<LOQ
β-Myrcene	0.318	<LOQ	<LOQ
β-Pinene	0.318	<LOQ	<LOQ
Camphene	0.318	<LOQ	<LOQ
Caryophyllene Oxide	0.318	<LOQ	<LOQ
cis-Nerolidol	0.207	<LOQ	<LOQ
cis-Ocimene	0.207	<LOQ	<LOQ
δ-3-Carene	0.318	<LOQ	<LOQ
δ-Limonene	0.318	<LOQ	<LOQ
Eucalyptol	0.318	<LOQ	<LOQ
γ-Terpinene	0.318	<LOQ	<LOQ
Geraniol	0.318	<LOQ	<LOQ
Guaiol	0.318	<LOQ	<LOQ
Isopulegol	0.318	<LOQ	<LOQ
Linalool	0.318	<LOQ	<LOQ
p-Cymene	0.318	<LOQ	<LOQ
Terpinolene	0.318	<LOQ	<LOQ
trans-Nerolidol	0.111	<LOQ	<LOQ
trans-Ocimene	0.111	<LOQ	<LOQ

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Pass

25.468 mg/unit
Δ9-THC + Δ8-THC

<LOQ
CBD

pH: NT
Aw: 0.64

25.468 mg/unit
Total Cannabinoids

Not Tested
Homogeneity

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
CBC	0.183	<LOQ	<LOQ	
CBCa	0.183	<LOQ	<LOQ	
CBD	0.183	<LOQ	<LOQ	
CBDa	0.183	<LOQ	<LOQ	
CBDV	0.183	<LOQ	<LOQ	
CBDVa	0.183	<LOQ	<LOQ	
CBG	0.183	<LOQ	<LOQ	
CBGa	0.183	<LOQ	<LOQ	
CBL	0.183	<LOQ	<LOQ	
CBN	0.183	<LOQ	<LOQ	
Δ8-THC	0.183	23.352	5.711	
Δ9-THC	0.183	2.117	0.518	
THCa	0.183	<LOQ	<LOQ	
THCV	0.183	<LOQ	<LOQ	
THCVa	0.183	<LOQ	<LOQ	

1 Unit = Kramer HempD8 Pumpkin 25mg, 4.088925g

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

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

Glen Marquez
Quality Control

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Kramer HempD8 Pumpkin 25mg

Ingestible, Soft Chew, Other

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
Paclobutrazol	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	900	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	90	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	44	2000	<LOQ	Pass
Cadmium	44	820	<LOQ	Pass
Lead	44	1200	<LOQ	Pass
Mercury	44	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	50	500	<LOQ	Pass
Ethanol	50		1643	Tested
Heptanes	50	500	<LOQ	Pass
Propane	50	500	<LOQ	Pass

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