

Certificate of Analysis Powered by Confident Cannabis

Sample: 2111DBL0290.11140

METRC Sample:

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

Lot #: DDSE.KRD8.Blue25.21324

Lic. #53908146183081867945

Kramer HempD8 Blueberry 25mg

Ingestible, Soft Chew, Other

B > labs APPROVED

Pesticides







Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

<LOQ **Total Terpenes**

Compound	LOQ	Mass	Mass
Compound	mg/unit		
- P'	Ü	mg/unit	mg/g
α-Bisabolol	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
α-Humulene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
α-Pinene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
α-Terpinene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
β-Caryophyllene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
β-Myrcene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
β-Pinene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Camphene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Caryophyllene Oxide	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
cis-Nerolidol	0.310	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
cis-Ocimene	0.310	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
δ-3-Carene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
δ-Limonene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Eucalyptol	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
y-Terpinene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Geraniol	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Guaiol	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Isopulegol	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Linalool	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
p-Cymene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Terpinolene	0.477	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
trans-Nerolidol	0.167	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
trans-Ocimene	0.167	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>

Cannabinoid Relative Concentration

				Pas	
23.526 mg/unit		<loq< th=""><th></th><th>pH:</th><th>NT</th></loq<>		pH:	NT
Δ 9-THC + Δ 8-THC		CBD		Aw:	0.66
		3.526 mg/ al Cannab			Tested geneity
Compound	LOQ	Mass	Mass	Relative Cor	ncentration
	mg/unit	mg/unit	mg/g		
CBC	0.172	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBCa	0.172	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBD	0.172	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBDa	0.172	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBDV	0.172	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBDVa	0.172	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBG	0.172	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBGa	0.172	<loq <loo< td=""><td><loq <loo< td=""><td></td><td></td></loo<></loq </td></loo<></loq 	<loq <loo< td=""><td></td><td></td></loo<></loq 		
CBL CBN	0.172	<loq <loq< td=""><td><loq <loq< td=""><td></td><td></td></loq<></loq </td></loq<></loq 	<loq <loq< td=""><td></td><td></td></loq<></loq 		
∆8-THC	0.172	21.626	5.332		
Δ9-THC Δ9-THC	0.172	1.900	0.468		_
ГНСа	0.172	<loq< td=""><td><loo< td=""><td>7</td><td></td></loo<></td></loq<>	<loo< td=""><td>7</td><td></td></loo<>	7	
THCV	0.172	<loq< td=""><td><l00< td=""><td></td><td></td></l00<></td></loq<>	<l00< td=""><td></td><td></td></l00<>		
THCVa	0.172	<loo< td=""><td><l00< td=""><td></td><td></td></l00<></td></loo<>	<l00< td=""><td></td><td></td></l00<>		

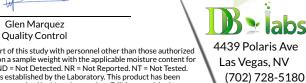
Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD





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





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Kramer HempD8 Blueberry 25mg

Ingestible, Soft Chew, Other



Pesticides Analyzed by 300.9 LC/MS/MS and GC	C/MS/MS			Pass
Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<loq< td=""><td>Pass</td></loq<>	Pass
Acequinocyl	10	4000	<loq< td=""><td>Pas</td></loq<>	Pas
Bifenazate	10	400	<loq< td=""><td>Pas</td></loq<>	Pas
Bifenthrin	10	100	<loq< td=""><td>Pas</td></loq<>	Pas
Cyfluthrin	10	2000	<loq< td=""><td>Pas</td></loq<>	Pas
Cypermethrin	10	1000	<loq< td=""><td>Pas</td></loq<>	Pas
Daminozide	10	800	<loq< td=""><td>Pas</td></loq<>	Pas
Dimethomorph	10	2000	<loq< td=""><td>Pas</td></loq<>	Pas
Etoxazole	10	400	<loq< td=""><td>Pas</td></loq<>	Pas
Fenhexamid	10	1000	<loq< td=""><td>Pas</td></loq<>	Pas
Flonicamid	10	1000	<loq< td=""><td>Pas</td></loq<>	Pas
Fludioxonil	10	500	<loq< td=""><td>Pas</td></loq<>	Pas
Imidacloprid	10	500	<loq< td=""><td>Pas</td></loq<>	Pas
Myclobutanil	10	400	<loq< td=""><td>Pas</td></loq<>	Pas
Paclobutrazol	10	400	<loq< td=""><td>Pas</td></loq<>	Pas
Piperonyl Butoxide	10	3000	<loq< td=""><td>Pas</td></loq<>	Pas
Pyrethrins	10	2000	<loq< td=""><td>Pas</td></loq<>	Pas
Quintozene	10	800	<loq< td=""><td>Pas</td></loq<>	Pas
Spinetoram	10	1000	<loq< td=""><td>Pas</td></loq<>	Pas
Spinosad	10	1000	<loq< td=""><td>Pas</td></loq<>	Pas
Spirotetramat	10	1000	<loq< td=""><td>Pas</td></loq<>	Pas
Thiamethoxam	10	400	<loq< td=""><td>Pas</td></loq<>	Pas
Trifloxystrobin	10	1000	<loq< td=""><td>Pas</td></loq<>	Pas
Plant Growth Regulators	10	50	<loq< td=""><td>Pas</td></loq<>	Pas

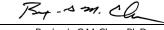
Microbials Analyzed by 300.1 Plating/QPCR				F	Pass
Quantitative Analysis	- 10	LOQ	Limit	Mass	Status
Aerobic Bacteria Bile-Tolerant Gram-Negative Bacteria		CFU/g 1000 100	CFU/g 100000 1000	CFU/g <loq <loq< td=""><td>Pass Pass</td></loq<></loq 	Pass Pass
Qualitative Analysis	Detected	d or Not D	etected		Status
E. Coli Salmonella	Not Detected Not Detected			Pass	

Mycotoxins Analyzed by 300.2 Elisa	1		Not	Tested
Mycotoxin	LOQ	Limit	Mass	Status

Heavy Metals Analyzed by 300.8 ICP/I				Pass
Element	LOQ	Limit	Mass	Status
8/4-	PPB	PPB	PPB	
Arsenic	39	2000	<loq< td=""><td>Pass</td></loq<>	Pass
Cadmium	39	820	<loq< td=""><td>Pass</td></loq<>	Pass
Lead	39	1200	<loq< td=""><td>Pass</td></loq<>	Pass
Mercury	39	400	<loq< td=""><td>Pass</td></loq<>	Pass

Residual Solv Analyzed by 300.13 GO				Pass
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	75	500	<loq< td=""><td>Pass</td></loq<>	Pass
Ethanol	75		2988	Tested
Heptanes	75	500	<loq< td=""><td>Pas</td></loq<>	Pas
Propane	75	500	<loq< td=""><td>Pass</td></loq<>	Pass





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