

**Dragon Fire 3G CandyLand - Sativa**

Sample ID: SA-251224-74633  
 Batch: BATCH:#20251130001  
 Type: Finished Product - Inhalable  
 Matrix: Concentrate - Vape  
 Serving Size (g):  
 Unit Volume (mL):, Density (g/mL):

Received: 12/05/2025  
 Completed: 12/23/2025

**Client**  
 Dragon Fire  
 2838 Queen City Dr  
 Charlotte, NC 28208  
 USA


**Summary**

Test	Date Tested	Status
Cannabinoids	12/23/2025	Tested
Vitamin E Acetate	12/15/2025	Tested
Foreign Matter	12/09/2025	Tested
Heavy Metals	12/10/2025	Tested
Microbials	12/11/2025	Tested
Mycotoxins	12/15/2025	Tested
Pesticides	12/15/2025	Tested
Residual Solvents	12/10/2025	Tested

<b>0.152 %</b> Total Δ9-THC	<b>67.1 %</b> Δ8-THC	<b>83.4 %</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Detected</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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Generated By: Ryan Bellone  
 Commercial Director  
 Date: 12/24/2025



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**Cannabinoids by HPLC-PDA and GC-MS/MS**

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.0133	0.04	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	0.168	1.68
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	1.12	11.2
CBNA	0.006	0.0181	ND	ND
CBNP	0.0133	0.04	<LOQ	<LOQ
CBT	0.018	0.054	0.544	5.44
Δ4,8-iso-THC	0.0133	0.04	3.49	34.9
Δ6a,10a-THC	0.0133	0.04	ND	ND
Δ8-iso-THC	0.0133	0.04	0.786	7.87
Δ8-THC	0.0104	0.0312	67.1	671
Δ8-THC acetate	0.0133	0.04	ND	ND
Δ8-THCB	0.0133	0.04	ND	ND
Δ8-THC-C8	0.0133	0.04	ND	ND
Δ8-THCH	0.0133	0.04	ND	ND
Δ8-THCP	0.0133	0.04	0.201	2.01
Δ8-THCV	0.0133	0.04	0.317	3.17
Δ9-THC	0.0076	0.0227	0.152	1.52
Δ9-THC acetate	0.0133	0.04	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCB	0.0133	0.04	ND	ND
Δ9-THC-C8	0.0133	0.04	ND	ND
Δ9-THCH	0.0133	0.04	ND	ND
Δ9-THCP	0.0133	0.04	9.46	94.6
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R)-Δ10-THC	0.0133	0.04	ND	ND
(6aR,9S)-Δ10-THC	0.0133	0.04	ND	ND
exo-THC	0.0133	0.04	ND	ND
(6aR,9R,10aR)-HHC	0.0133	0.04	ND	ND
(6aR,9S,10aR)-HHC	0.0133	0.04	ND	ND
(6aR,9R,10aR)-HHC acetate	0.0133	0.04	ND	ND
(6aR,9S,10aR)-HHC acetate	0.0133	0.04	ND	ND
<b>Total Δ9-THC</b>			<b>0.152</b>	<b>1.52</b>
<b>Total</b>			<b>83.4</b>	<b>834</b>

ND = Not Detected; NR = (Spike) Not Recoverable, sample matrix interference present which may affect accuracy of results; NT = Not Tested; UA = Unsuitable for Analysis; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 12/24/2025



 Tested By: Kelsey Rogers  
 Scientist  
 Date: 12/23/2025

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


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**Heavy Metals by ICP-MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.002	0.02	ND
Lead	0.005	0.05	ND
Mercury	0.005	0.01	ND

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 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 12/24/2025



 Tested By: Annie Velazquez  
 Laboratory Technician  
 Date: 12/10/2025




**KCA Laboratories**  
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Nicholasville, KY 40356

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<https://kcalabs.com>  
KDA Lic.# P\_0058

**Certificate of Analysis**

**Dragon Fire 3G CandyLand - Sativa**

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Charlotte, NC 28208  
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**Pesticides by LC-MS/MS and GC-MS/MS**

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	NR	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlormequat chloride	30	100	ND	Permethrin	30	100	NR
Chlorpyrifos	30	100	ND	Phosmet	30	100	ND
Clofentezine	30	100	ND	Piperonyl Butoxide	30	100	ND
Coumaphos	30	100	ND	Prallethrin	30	100	ND
Cypermethrin	30	100	NR	Propiconazole	30	100	ND
Daminozide	30	100	ND	Propoxur	30	100	ND
Diazinon	30	100	ND	Pyrethrins	30	100	ND
DDVP (Dichlorvos)	30	100	ND	Pyridaben	30	100	ND
Dimethoate	30	100	ND	Spinetoram	30	100	ND
Dimethomorph	30	100	ND	Spinosad	30	100	ND
Ethoprophos	30	100	ND	Spiromesifen	30	100	ND
Etofenprox	30	100	ND	Spirotetramat	30	100	ND
Etoxazole	30	100	ND	Spiroxamine	30	100	ND
Fenhexamid	30	100	ND	Tebuconazole	30	100	ND
Fenoxycarb	30	100	ND	Thiacloprid	30	100	ND
Fenpyroximate	30	100	ND	Thiamethoxam	30	100	ND
Fipronil	30	100	ND	Trifloxystrobin	30	100	ND
Fonicamid	30	100	ND				
Fludioxonil	30	100	ND				

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Generated By: Ryan Bellone  
Commercial Director  
Date: 12/24/2025

Authorized By: Jasper van Heemst  
Principal Scientist  
Date: 12/15/2025



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

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**Mycotoxins by LC-MS/MS**

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

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 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 12/24/2025



 Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 12/15/2025


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**Microbials by PCR and Plating**

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Aspergillus flavus	1		Not Detected per 1 gram
Aspergillus fumigatus	1		Not Detected per 1 gram
Aspergillus niger	1		Not Detected per 1 gram
Aspergillus terreus	1		Not Detected per 1 gram
Bile-tolerant gram-negative bacteria	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram
Total yeast and mold count (TYMC)	10	<RL	

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 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 12/24/2025



 Tested By: Sara Cook  
 Laboratory Technician  
 Date: 12/11/2025


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**Residual Solvents by HS-GC-MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	33	100	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	33	100	ND
Benzene	0.5	1	ND	n-Hexane	2	6	ND
Butane	33	100	ND	Isobutane	33	100	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	20	60	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	2	6	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	2	6	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	33	100	ND
2,2-Dimethylbutane	2	6	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	2	6	ND	n-Propane	33	100	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	6	18	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	33	100	ND	Xylenes (o-, m-, and p-)	14	43	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 12/24/2025



 Tested By: Kelsey Rogers  
 Scientist  
 Date: 12/10/2025




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**Vitamin E Acetate**

Analyte	Result	Unit	LOD	LOQ
Vitamin E Acetate	ND	%	0.03	0.1

Generated By: Ryan Bellone  
 Commercial Director  
 Date: 12/24/2025

Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 12/15/2025



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## Reporting Limit Appendix

### Heavy Metals - KY 902 KAR 45:190

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Arsenic	0.2	Lead	0.5
Cadmium	0.2	Mercury	0.1

### Microbials - KY 902 KAR 45:190

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Total coliforms	100	Total aerobic count	10000
Bile-tolerant gram-negative bacteria	1000		
Total yeast and mold count (TYMC)	100000		

### Residual Solvents - KY 902 KAR 45:190 & USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	1000	Ethylene Oxide	1
Acetonitrile	410	Heptane	1000
Benzene	2	n-Hexane	60
Butane	1000	Isobutane	1000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	600
Cyclohexane	3880	2-Methylbutane	290
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	60
Dimethyl Sulfoxide	5000	3-Methylpentane	60
N,N-Dimethylacetamide	1090	n-Pentane	1000
2,2-Dimethylbutane	60	1-Pentanol	5000
2,3-Dimethylbutane	60	n-Propane	1000
N,N-Dimethylformamide	880	1-Propanol	5000
2,2-Dimethylpropane	5000	Pyridine	200
1,4-Dioxane	380	Tetrahydrofuran	720
Ethanol	5000	Toluene	180
2-Ethoxyethanol	160	Trichloroethylene	80
Ethyl Acetate	1000	Xylenes (o-, m-, and p-)	430
Ethyl Ether	5000		
Ethylbenzene	70		

### Pesticides - KY 902 KAR 45:190

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	500	Hexythiazox	1000
Acephate	400	Imazalil	200
Acequinocyl	2000	Imidacloprid	400
Acetamiprid	200	Kresoxim methyl	400
Aldicarb	400	Malathion	200
Azoxystrobin	200	Metalaxyl	200
Bifenazate	200	Methiocarb	200
Bifenthrin	200	Methomyl	400
Boscalid	400	Mevinphos	
Carbaryl	200	Mydobutanil	200
Carbofuran	200	Naled	500
Chloranthraniliprole	200	Oxamyl	1000
Chlorfenapyr	1000	Padobutrazol	400
Chlorpyrifos	200	Permethrin	200
Clofentezine	200	Phosmet	200
Chlormequat chloride	200	Piperonyl Butoxide	2000
Coumaphos		Prallethrin	200
Cypermethrin	1000	Propiconazole	400
Daminozide	1000	Propoxur	200
Diazinon	200	Pyrethrins	1000
DDVP (Dichlorvos)	100	Pyridaben	200
Dimethoate	200	Spinetoram	
Dimethomorph		Spinosad	200
Ethoprophos	200	Spiromesifen	200
Etofenprox	400	Spirotetramat	200
Etoxazole	200	Spiroxamine	400
Fenhexamid		Tebuconazole	400
Fenoxycarb	200	Thiacloprid	200
Fenpyroximate	400	Thiamethoxam	200
Fipronil	400	Trifloxystrobin	200
Flonicamid	1000		
Fludioxonil	400		

### Mycotoxins - KY 902 KAR 45:190

Analyte	Limit (ppb)	Analyte	Limit (ppb)
B1	5	B2	5
G1	5	G2	5
Ochratoxin A	20		

