

QUALITY ASSURANCE TESTING  
 CERTIFICATE OF ANALYSIS

BATCH 000112123

OVERALL BATCH RESULT:  PASS



CANNABINOID ANALYSIS – SUMMARY  PASS

COMPOUND	LOD/LOQ (g/mg)	MEASUREMENT UNCERTAINTY (g/mg)	RESULT (g/mg)	RESULT %
<b>THCa</b>	0.016 / 0.064	± 2.85	<b>753.42</b>	<b>75.34</b>
<b>CBGa</b>	0.1 / 0.2	0.0297	<b>2.5</b>	<b>0.25</b>
<b>THCVa</b>	0.07 / 0.064	0.006	<b>4.96</b>	<b>0.496</b>
<b>CBCa</b>	0.07 / 0.28	0.004	<b>2.13</b>	<b>0.213</b>
<b>CBDa</b>	0.02 / 0.19	.0004	<b>ND</b>	<b>ND</b>
<b>Δ<sup>9</sup>-THC</b>	0.040 / 0.133	N/A	<b>ND</b>	<b>ND</b>
<b>Δ<sup>8</sup>-THC</b>	0.1 / 0.4	N/A	<b>ND</b>	<b>ND</b>
<b>THCV</b>	0.1 / 0.2	N/A	<b>ND</b>	<b>ND</b>
<b>CBD</b>	0.07 / 0.29	N/A	<b>ND</b>	<b>ND</b>
<b>CBDV</b>	0.04 / 0.15	N/A	<b>ND</b>	<b>ND</b>
<b>CBDVa</b>	0.03 / 0.53	N/A	<b>ND</b>	<b>ND</b>
<b>CBG</b>	0.06 / 0.19	N/A	<b>ND</b>	<b>ND</b>
<b>CBL</b>	0.06 / 0.24	N/A	<b>ND</b>	<b>ND</b>
<b>CBN</b>	0.1 / 0.3	N/A	<b>ND</b>	<b>ND</b>
<b>CBC</b>	0.2 / 0.5	N/A	<b>ND</b>	<b>ND</b>

**TOTAL CANNABINOIDS** **783.01g/mg**    **78.3%**

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).  
 Total THC/CBD is calculated using the following formulas to take into account the loss of a  
 carboxyl group during the decarboxylation step: Total THC = 9-THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = 9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC +  
 CBCa + CBDV + CBDVa + 8-THC + CBL + CBN

Total Cannabinoids = ( 9-THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) +  
 (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) + 8-THC + CBL + CBN

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MYCOTOXIN ANALYSIS – SUMMARY  PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS

RESIDUAL SOLVENTS TEST RESULTS – SUMMARY  PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	10 / 20	5000	N/A	ND	PASS
n-Butane	10 / 50	5000	N/A	ND	PASS
n-Pentane	20 / 50	5000	N/A	ND	PASS
n-Hexane	2 / 5	290	N/A	ND	PASS
n-Heptane	20 / 60	5000	N/A	ND	PASS
Benzene	0.03 / 0.09	1	N/A	ND	PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A	ND	PASS
Methanol	50 / 200	3000	N/A	ND	PASS
Ethanol	20 / 50	5000	N/A	ND	PASS
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	N/A	ND	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Ethyl Ether	20 / 50	5000	N/A	ND	PASS

## RESIDUAL SOLVENTS TEST RESULTS, CONTINUED

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Ethyl Acetate	20 / 60	5000	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Acetonitrile	2 / 7	410	N/A	ND	PASS

## HEAVY METALS TEST RESULTS - SUMMARY

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	0.2	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.2	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	0.1	N/A	ND	PASS



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PESTICIDE ANALYSIS – SUMMARY  PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.1	N/A	ND	PASS
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	0.1	N/A	ND	PASS
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlorantraniliprole	0.04 / 0.12	10	N/A	ND	PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Cyfluthrin	0.12 / 0.38	2	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS

<b>Fipronil</b>	0.03 / 0.08	≥ LOD	N/A	ND	PASS
<b>Flonicamid</b>	0.03 / 0.10	0.1	N/A	ND	PASS
<b>Fludioxonil</b>	0.03 / 0.10	0.1	N/A	ND	PASS
<b>Hexythiazox</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Imazalil</b>	0.02 / 0.06	≥ LOD	N/A	ND	PASS
<b>Imidacloprid</b>	0.04 / 0.11	5	N/A	ND	PASS
<b>Kresoxim-methyl</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Malathion</b>	0.03 / 0.09	0.5	N/A	ND	PASS
<b>Metalaxyl</b>	0.02 / 0.07	2	N/A	ND	PASS
<b>Methiocarb</b>	0.02 / 0.07	≥ LOD	N/A	ND	PASS
<b>Methomyl</b>	0.03 / 0.10	1	N/A	ND	PASS
<b>Mevinphos</b>	0.03 / 0.09	≥ LOD	N/A	ND	PASS
<b>Myclobutanil</b>	0.03 / 0.09	0.1	N/A	ND	PASS
<b>Naled</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Oxamyl</b>	0.04 / 0.11	0.5	N/A	ND	PASS
<b>Paclobutrazol</b>	0.02 / 0.05	≥ LOD	N/A	ND	PASS
<b>Parathion-methyl</b>	0.03 / 0.10	≥ LOD	N/A	ND	PASS
<b>Pentachloronitrobenzene*</b>	0.03 / 0.09	0.1	N/A	ND	PASS
<b>Permethrin</b>	0.04 / 0.12	0.5	N/A	ND	PASS
<b>Phosmet</b>	0.03 / 0.10	0.1	N/A	ND	PASS
<b>Piperonyl Butoxide</b>	0.02 / 0.07	3	N/A	ND	PASS
<b>Prallethrin</b>	0.03 / 0.08	0.1	N/A	ND	PASS
<b>Propiconazole</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Propoxur</b>	0.03 / 0.09	≥ LOD	N/A	ND	PASS
<b>Pyrethrins</b>	0.04 / 0.12	0.5	N/A	ND	PASS
<b>Pyridaben</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Spinetoram</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Spinosad</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Spiromesifen</b>	0.02 / 0.05	0.1	N/A	ND	PASS
<b>Spirotetramat</b>	0.02 / 0.06	0.1	N/A	ND	PASS
<b>Spiroxamine</b>	0.03 / 0.08	≥ LOD	N/A	ND	PASS
<b>Tebuconazole</b>	0.02 / 0.07	0.1	N/A	ND	PASS
<b>Thiacloprid</b>	0.03 / 0.10	≥ LOD	N/A	ND	PASS
<b>Thiamethoxam</b>	0.03 / 0.10	5	N/A	ND	PASS
<b>Trifloxystrobin</b>	0.03 / 0.08	0.1	N/A	ND	PASS