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CERTIFICATE OF ANALYSIS

Project **MEDICAL CANNABIS**
Sample ID **20L08FLW004**
Customer Name **ZEPDRO GROW LLC**
Customer License **GAAA-E1D2-8OWR**
Sample Matrix **FLOWER**
Strain/Description **HYBRID #4**
Customer Batch ID **120820**
Date Sampled **12/8/2020**
Sampling Method **CUSTOMER SUPPLIED**
Quantity Received (g) **4.76**
Date Completed **12/14/2020**



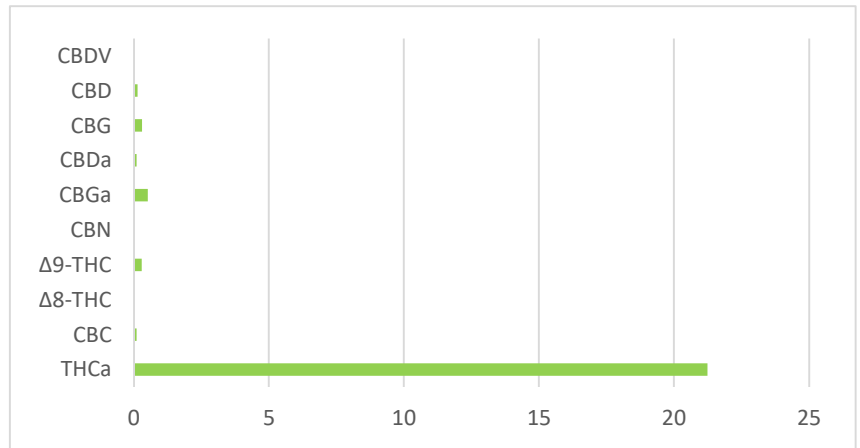
Total % THC

18.92

Total % CBD

0.23

Cannabinoids	mg/g	%
CBDV	ND	ND
CBD	1.42	0.14
CBG	3.12	0.31
CBDa	1.04	0.10
CBGa	5.15	0.52
CBN	ND	ND
Δ9-THC	2.89	0.29
Δ8-THC	ND	ND
CBC	1.02	0.10
THCa	212.39	21.24
Total Cannabinoids	227.04	22.70



Total THC%=(0.877xTHCa%) + Δ9-THC%

Total CBD%=(0.877xCBDa%) + CBD%

Total THC prod=NetWt(g) x mgTHC

Terpenes	mg/g	%
alpha-Pinene	0.37	0.04
Camphene	0.14	0.01
beta-Myrcene	3.00	0.30
beta-Pinene	0.60	0.06
delta-3-Carene	ND	ND
alpha-Terpinene	ND	ND
Ocimene	ND	ND
D-Limonene	2.11	0.21
p-Cymene	ND	ND
Eucalyptol	ND	ND

Terpenes	mg/g	%
gamma-Terpinene	ND	ND
Terpinolene	ND	ND
Linalool	0.38	0.04
Isopulegol	ND	ND
beta-Caryophyllene	1.52	0.15
alpha-Humulene	0.53	0.05
Nerolidol	1.00	0.10
Guaiol	ND	ND
alpha-Bisabolol	ND	ND
Total Terpenes	9.65	0.96

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Pesticides	ppm	Pass/Fail
Imidacloprid [0.4ppm]	ND	PASS
Imazalil [0.2ppm]	ND	PASS
Myclobutanil [0.2ppm]	ND	PASS
Malathion [0.2ppm]	ND	PASS
Azoxystrobin [0.2ppm]	ND	PASS
Bifenazate[0.2ppm]	ND	PASS
Spirotetramat [0.2ppm]	ND	PASS
Tebuconazole [0.4ppm]	ND	PASS
Spinosad [0.2ppm]	ND	PASS
Abamectin [0.5ppm]	ND	PASS
Spiromesifen [0.2ppm]	ND	PASS
Etoxazole [0.2ppm]	ND	PASS
Permethrin [0.2ppm]	ND	PASS

Residual Solvents	ppm	Pass/Fail
Acetone [1000ppm]	NT	NT
Benzene [2ppm]	NT	NT
Butanes [1000ppm]	NT	NT
Heptanes [1000ppm]	NT	NT
Hexane [60ppm]	NT	NT
Isopropyl Alcohol [1000ppm]	NT	NT
Pentane [1000ppm]	NT	NT
Propane [1000ppm]	NT	NT
Toluene [180ppm]	NT	NT
Xylenes [430ppm]	NT	NT
Methanol [600ppm]	NT	NT
Ethyl Acetate [1000ppm]	NT	NT
Ethanol [5000ppm]	NT	NT

Other Detected Solvents

Heavy Metals	ppm	Pass/Fail
Arsenic [0.2ppm]	0.066	PASS
Cadmium [0.2ppm]	0.033	PASS
Lead [0.5ppm]	<LOQ	PASS
Mercury [0.1ppm]	<LOQ	PASS

Microbiology	CFU/g	Pass/Fail
STEC E. Coli [1cfu/g]	0	PASS
Salmonella [1cfu/g]	0	PASS
Aspergillus [1cfu/g]	0	PASS
Molds and Yeast [10,000cfu/g]	22	PASS

Mycotoxins	ppb	Pass/Fail
Aflatoxin B1	NT	NT
Aflatoxin B2	NT	NT
Aflatoxin G1	NT	NT
Aflatoxin G2	NT	NT
Ochratoxin	NT	NT
Total [20ppb]		

Microscopic Inspection	Amount	Pass/Fail
Foreign Matter	ND	PASS
Contaminants	ND	PASS
Other	ND	PASS

Water Activity [0.65aW]	Amount	Pass/Fail
	0.55	PASS

Sample Notes/Deviations from Methods:

Method References:

Analysis	Method	Instrument	RL	Test Date	Analyst
Cannabinoids	SOP-CANFC	Agilent 1260 HPLC-UV	1mg/g	12/9/2020	MC
Terpenes	SOP-TER	Agilent Intuvo HS-GC	0.1mg/g	12/10/2020	MC
Water Activity	SOP-WA2019	Rotronics WA Meter	N/A	12/9/2020	NT
Residual Solvents	SOP-RES	Agilent Intuvo HS-GC	Benzene 1 ppm; Others 30 ppm	NT	NT
STEC E. Coli/Salmonella	Medicinal Genomics qPCR Protocol	Agilent AriaMx QPCR	1 CFU/g	12/11/2020	CM
Aspergillus	Medicinal Genomics qPCR Protocol	Agilent AriaMx QPCR	1 CFU/g	12/11/2020	CM
Molds and Yeast	Medicinal Genomics qPCR Protocol	Agilent AriaMx QPCR	1 CFU/g	12/11/2020	CM
Heavy Metals	EPA 6010D/7471B	AGILENT ICP-OES	As, Cd, Pb 25 ppb; Hg 10 ppb	12/14/2020	HG
Pesticides	CBL Method 2	AGILENT LC-MS-MS	0.05 ppm	12/14/2020	HG
Mycotoxins	SOP-CBMX	LC-MS-MS	2.5ppb	NT	NT
Microscopic Inspection	SOP-MIC	Stereo Microscope	N/A	12/9/2020	MC

*Any sample not collected by 405 Analytical LLC trained samplers is "TESTED as received."

*Recoveries for all analyte standards: 90%-110% | Duplicate Recoveries <30%RPD | Blanks <BDL for all analytes.

*This data is provided as a service and makes no claims of efficacy or safety of product.

*405 Analytical LLC reserves the right to sub-contract work on an "as needed" basis to an accredited lab.

*This Certificate of Analysis shall only be reproduced in its full form and shall not be modified way.

RL - Reporting Limit

LOQ - Limit of Quantitation

ND - Not detected above reporting limit

NT - Not tested

[] - Bracketed values are legal not-to-exceed limits

RPD - Relative Percent Difference

BDL - Below Detection Limit

Dr. Mark Clemenson
Laboratory Director

Krystal L Tilson
Quality Assurance Manager/Chemist