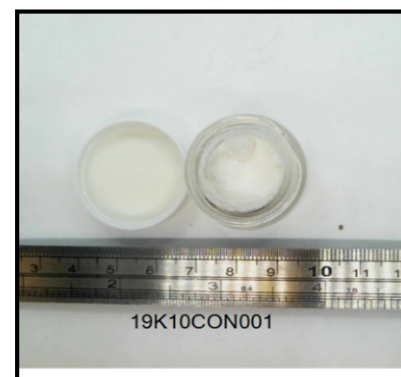




351 N Air Depot Blvd, Ste. C  
Midwest City, Oklahoma, 73110  
Questions@405analytical.com  
(405) 548-5734

# CERTIFICATE OF ANALYSIS

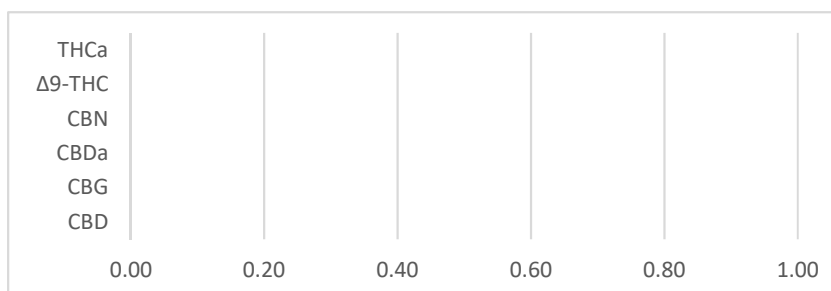
Project **HEMP**  
 Sample ID **19K10CON001**  
 Customer Name **420 BOMB**  
 Sample Matrix **CONCENTRATE**  
 Strain/Description **CBD ISOLATE**  
 Batch ID **NONE**  
 Date Sampled **11/10/2019**  
 Sampling Method **CUSTOMER SUPPLIED**  
 Quantity Received **5.10 g**  
 Date Completed **11/15/2019**



Total % THC	Total % CBD
<b>ND</b>	<b>99±1</b>

Net Wt of Product (g)	Total THC in Product (mg)
<b>NA</b>	<b>NA</b>

Cannabinoids	mg/g	%
CBD	<b>990±10</b>	<b>99±1</b>
CBG	<b>ND</b>	<b>ND</b>
CBDa	<b>ND</b>	<b>ND</b>
CBN	<b>ND</b>	<b>ND</b>
Δ9-THC	<b>ND</b>	<b>ND</b>
THCa	<b>ND</b>	<b>ND</b>



Total THC%=(0.877xTHCa%) + Δ9-THC%

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

Total THC prod=NetWt(g) x mgTHC

Terpenes	mg/g	%
alpha-Pinene	<b>NT</b>	<b>NT</b>
Camphene	<b>NT</b>	<b>NT</b>
beta-Myrcene	<b>NT</b>	<b>NT</b>
beta-Pinene	<b>NT</b>	<b>NT</b>
delta-3-Carene	<b>NT</b>	<b>NT</b>
alpha-Terpinene	<b>NT</b>	<b>NT</b>
Ocimene	<b>NT</b>	<b>NT</b>
D-Limonene	<b>NT</b>	<b>NT</b>
p-Cymene	<b>NT</b>	<b>NT</b>
Eucalyptol	<b>NT</b>	<b>NT</b>
gamma-Terpinene	<b>NT</b>	<b>NT</b>

Terpenes	mg/g	%
Terpinolene	<b>NT</b>	<b>NT</b>
Linalool	<b>NT</b>	<b>NT</b>
Isopulegol	<b>NT</b>	<b>NT</b>
Geraniol	<b>NT</b>	<b>NT</b>
beta-Caryophyllene	<b>NT</b>	<b>NT</b>
alpha-Humulene	<b>NT</b>	<b>NT</b>
Nerolidol	<b>NT</b>	<b>NT</b>
Guaiol	<b>NT</b>	<b>NT</b>
Caryophyllene oxide	<b>NT</b>	<b>NT</b>
alpha-Bisabolol	<b>NT</b>	<b>NT</b>

Project **MEDICAL CANNABIS**  
 Sample ID **19K10CON001**  
 Customer Name **420 BOMB**  
 Sample Matrix **CONCENTRATE**  
 Strain/Description **CBD ISOLATE**  
 Batch ID **NONE**  
 Date Sampled **11/10/2019**  
 Sampling Method **CUSTOMER SUPPLIED**  
 Quantity Received **5.10 g**  
 Date Completed **11/15/2019**

Pesticides	ppm	Pass/Fail	Residual Solvents	ppm	Pass/Fail
Imidacloprid [0.5ppm]	<b>ND</b>	<b>PASS</b>	Acetone [1000ppm]	<b>ND</b>	<b>PASS</b>
Imazalil [0.5ppm]	<b>ND</b>	<b>PASS</b>	Benzene [2ppm]	<b>ND</b>	<b>PASS</b>
Myclobutanil [0.5ppm]	<b>ND</b>	<b>PASS</b>	Butanes [1000ppm]	<b>ND</b>	<b>PASS</b>
Malathion [0.5ppm]	<b>ND</b>	<b>PASS</b>	Heptanes [1000ppm]	<b>ND</b>	<b>PASS</b>
Azoxystrobin [0.5ppm]	<b>ND</b>	<b>PASS</b>	Hexane [60ppm]	<b>ND</b>	<b>PASS</b>
Bifenazate[0.5ppm]	<b>ND</b>	<b>PASS</b>	Isopropyl Alcohol [1000ppm]	<b>ND</b>	<b>PASS</b>
Spirotetramat [0.5ppm]	<b>ND</b>	<b>PASS</b>	Pentane [1000ppm]	<b>140</b>	<b>PASS</b>
Tebuconazole [0.5ppm]	<b>ND</b>	<b>PASS</b>	Propane [1000ppm]	<b>ND</b>	<b>PASS</b>
Spinosad [0.5ppm]	<b>ND</b>	<b>PASS</b>	Toluene [180ppm]	<b>ND</b>	<b>PASS</b>
Abamectin [0.5ppm]	<b>ND</b>	<b>PASS</b>	Xylenes [430ppm]	<b>ND</b>	<b>PASS</b>
Spiromesifen [0.5ppm]	<b>ND</b>	<b>PASS</b>	<b>Other Detected Solvents</b>		
Etoxazole [0.5ppm]	<b>ND</b>	<b>PASS</b>	None		
Permethrin [0.5ppm]	<b>ND</b>	<b>PASS</b>			

Heavy Metals	ppm	Pass/Fail	Microbiology	CFU/g	Pass/Fail
Arsenic [0.4ppm]	<b>ND</b>	<b>PASS</b>	E. Coli [1cfu/g]	<b>0</b>	<b>PASS</b>
Cadmium [0.4ppm]	<b>ND</b>	<b>PASS</b>	Salmonella [1cfu/g]	<b>0</b>	<b>PASS</b>
Lead [1ppm]	<b>ND</b>	<b>PASS</b>	Molds and Yeast [10,000cfu/g]	<b>0</b>	<b>PASS</b>
Mercury [0.2ppm]	<b>ND</b>	<b>PASS</b>	Total Aerobic Count	<b>134</b>	<b>PASS</b>

Mycotoxins	ppb	Pass/Fail	Microscopic Inspection	Amount	Pass/Fail
Aflatoxin B1	<b>&lt;2.5</b>	<b>PASS</b>	Foreign Matter	<b>ND</b>	<b>PASS</b>
Aflatoxin B2	<b>&lt;2.5</b>	<b>PASS</b>	Contaminants	<b>ND</b>	<b>PASS</b>
Aflatoxin G1	<b>&lt;2.5</b>	<b>PASS</b>	Other	<b>ND</b>	<b>PASS</b>
Aflatoxin G2	<b>&lt;2.5</b>	<b>PASS</b>			
Ochratoxin	<b>&lt;2.5</b>	<b>PASS</b>	Water Activity [0.65aW]	Amount	Pass/Fail
Total [20ppb]	<b>&lt;20</b>	<b>PASS</b>		<b>NT</b>	<b>NT</b>

Sample Notes/Deviations from Methods:

## Method References:

Analysis	Method	Instrument	LOQ	Test Date	Analyst
Cannabinoids	SOP-CAN2019	Agilent 1260 HPLC-UV	1mg/g	11/12/2019	MC
Terpenes	SOP-TERP2019	Agilent Intuvo HS-GC	0.1mg/g	NT	NT
Water Activity	SOP-WA2019	Rotronics WA Meter	N/A	NT	NT
Residual Solvents	SOP-RS2019	Agilent Intuvo HS-GC	N/A	11/14/2019	MC
E. Coli/Salmonella	SOP-RS2019	Agilent AriaMx QPCR	1 CFU/g	11/14/2019	CM
Molds and Yeast	SOP-MIC2019	Agilent AriaMx QPCR	1 CFU/g	11/14/2019	CM
Total Aerobic Count	SOP-QP2019	Agilent AriaMx QPCR	1 CFU/g	11/14/2019	CM
Heavy Metals	EPA 6010D/7471B	AGILENT ICP-OES	25ppb	11/14/2019	HG
Pesticides	CBL Method 2	AGILENT LC-MS-MS	0.1ppm	11/14/2019	HG
Mycotoxins	SOP-CBMX	LC-MS-MS	2.5ppb	11/14/2019	HG
Microscopic Inspection	SOP-MIC2019	Stereo Microscope	N/A	11/12/2019	JSM
Soil pH	SOP-PH2021	Orion Star A213	N/A	NT	NT

\*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 report shall not be modified or replicated in any way.

*Dr. Mark Clemenson*  
Laboratory Director

*Krystal L Tilson*  
Quality Assurance Manager/Chemist