

## Certificate of Analysis Cannabinoid Potency

Sample Details						
Client name:	CBD I CURE					
Sample name:	D - Complete 40%	Sample ID:	UR-062-004			
Date of delivery:	19/12/2022	Sample type:	Edible			
Date of analysis:	20/12/2022	Analysis type:	HPLC			

Cannabinoid Analysis     Wt%   mg/g   LOD %   LOQ %   0   10   20   30   40   50     CBDa <loq< th="">   #####   0.09   0.2   CBDa   CBDa   CBD   #####   0.09   0.2   CBDa   CBDa   CBD   #####   0.09   0.2   CBDa   CBDA</loq<>												
CBDa <loq< td=""> ##### 0.09 0.2   CBGa <lod< td=""> ##### 0.09 0.2   CBD 42.8 428 0.12 0.2   CBG <lod< td=""> ##### 0.12 0.2   CBG <lod< td=""> ##### 0.12 0.2   THCV <lod< td=""> ##### 0.12 0.2   THCa <lod< td=""> ##### 0.07 0.2   CBN <lod< td=""> ##### 0.04 0.2   D9-THC 0.22 2.2 0.04 0.2</lod<></lod<></lod<></lod<></lod<></lod<></loq<>	Cannabinoid Analysis											
CBGa <lod< td=""> ##### 0.09 0.2 CBG   CBD 42.8 428 0.12 0.2 CBG   CBG <lod< td=""> ##### 0.12 0.2 CBG   THCV <lod< td=""> ##### 0.12 0.2 THCV   THCa <lod< td=""> ##### 0.07 0.2 THCa   CBN <lod< td=""> ##### 0.04 0.2 CBN   D9-THC 0.22 2.2 0.04 0.2 D9</lod<></lod<></lod<></lod<></lod<>		Wt%	mg/g	LOD %	LOQ %		0	10	20	30	40	50
CBD 42.8 428 0.12 0.2   CBG <lod< th=""> ##### 0.12 0.2   THCV <lod< th=""> ##### 0.12 0.2   THCa <lod< th=""> ##### 0.07 0.2   CBN <lod< th=""> ##### 0.04 0.2   D9-THC 0.22 2.2 0.04 0.2</lod<></lod<></lod<></lod<>	CBDa	<loq< td=""><td>#####</td><td>0.09</td><td>0.2</td><td>CBDa</td><td></td><td></td><td></td><td></td><td></td><td></td></loq<>	#####	0.09	0.2	CBDa						
CBG <th< th="">   &lt;</th<>	CBGa	<lod< td=""><td>#####</td><td>0.09</td><td>0.2</td><td>CBGa</td><td></td><td></td><td></td><td></td><td></td><td></td></lod<>	#####	0.09	0.2	CBGa						
THCV <th< th=""></th<>	CBD	42.8	428	0.12	0.2	CBD						
THCa      THCa     CBN <lod< td="">   #####   0.04   0.2   CBN     D9-THC   0.22   2.2   0.04   0.2   D9</lod<>	CBG	<lod< td=""><td>#####</td><td>0.12</td><td>0.2</td><td>CBG</td><td></td><td></td><td></td><td></td><td></td><td></td></lod<>	#####	0.12	0.2	CBG						
CBN <lod< th="">   #####   0.04   0.2   CBN     D9-THC   0.22   2.2   0.04   0.2   D9</lod<>	THCV	<lod< td=""><td>#####</td><td>0.12</td><td>0.2</td><td>THCV</td><td></td><td></td><td></td><td></td><td></td><td></td></lod<>	#####	0.12	0.2	THCV						
D9-THC 0.22 2.2 0.04 0.2 D9	THCa	<lod< td=""><td>#####</td><td>0.07</td><td>0.2</td><td>THCa</td><td></td><td></td><td></td><td></td><td></td><td></td></lod<>	#####	0.07	0.2	THCa						
	CBN	<lod< td=""><td>#####</td><td>0.04</td><td>0.2</td><td>CBN</td><td></td><td></td><td></td><td></td><td></td><td></td></lod<>	#####	0.04	0.2	CBN						
	D9-THC	0.22	2.2	0.04	0.2	D9	.					
CBC   0.31   3.1   0.04   0.2   CBC   CBC </td <td>CBC</td> <td>0.31</td> <td>3.1</td> <td>0.04</td> <td>0.2</td> <td>CBC</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	CBC	0.31	3.1	0.04	0.2	CBC						

Total Cannabinoids					
Total THC = (0.877xTHCa + THC) =	0.22				
Total CBD = (0.877xCBDa + CBD)=	42.80	Total cannabinoid Content (% of mass) =	43.33		

Values stated are calculated from an average of total injections for each sample and are representative only of the sample that has been provided to Highlab. Representative sampling is the responsibility of the client.

Method has a typical RSD between 2-8% depending on concentration of analyte with higher conc. yielding lower RSD (e.g 20% THCa +/- 0.4% ( 2%RSD) or 0.2% CBC +/- 0.016 (8%RSD))

Method Details					
HPLC	Agilent 1100	Flow Rate	0.3ml/min		
Detector	UV-DAD	Signal	235nM		
А	50mM Ammonium Acetate, pH 4.28	Injection	8uL		
В	Methanol	# Injections	3		

Sample Tested by	Signature	Date
Andrew Tan Lab Manager	hn	23/12/2022

Abbreviations: Wt - weight, LOD - Limits of Detection, LOQ - Limits of Quantification, <LOD - Below Limits Of Detection, <LOQ - Below Limits Of Quantification CBDa - Cannabidiolic Acid, CBGa - Cannabigerolic Acid, CBD - Cannabidiol, CBG - Cannabigerol, THCV- Tetrahydrocannabivarin, THCa - Tertrahydrocannabinolic Acid, CBN - Cannabinol, D9-THC - Delta-9-Tetrahydrocannabinol, CBC - Cannabichromene, RSD - Relative Standard Deviation, HPLC - High Performance Liquid Chromatography, UV-DAD - Ultra Violet Diode Array Detector