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 %
CBDa	<LOQ	#####	0.09	0.2
CBGa	<LOD	#####	0.09	0.2
CBD	42.8	428	0.12	0.2
CBG	<LOD	#####	0.12	0.2
THCV	<LOD	#####	0.12	0.2
THCa	<LOD	#####	0.07	0.2
CBN	<LOD	#####	0.04	0.2
D9-THC	0.22	2.2	0.04	0.2
CBC	0.31	3.1	0.04	0.2

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
A	50mM Ammonium Acetate, pH 4.28	Injection	8uL
B	Methanol	# Injections	3

Sample Tested by	Signature	Date
Andrew Tan Lab Manager		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