



# Certificate of Analysis

## Cannabinoid Potency

### Sample Details

Client name:	Medican Campus Oil		
Sample name:	CBD 5%	Sample ID:	MC-002-1
Date of delivery:	04/10/2019	Sample type:	Edible Oil
Date of analysis:	04/10/2019	Analysis type:	HPLC

### Cannabinoid Analysis

	Wt%	mg/g	LOD %	LOQ %	
CBDa	<LOD	#####	0.07	0.19	CBDa
CBGa	<LOD	#####	0.07	0.19	CBGa
CBD	7.36	73.6	0.09	0.19	CBD
CBG	<LOD	#####	0.09	0.19	CBG
THCV	<LOD	#####	0.09	0.19	THCV
THCa	<LOD	#####	0.05	0.19	THCa
CBN	<LOD	#####	0.03	0.19	CBN
D9-THC	<LOD	#####	0.03	0.19	D9-...
CBC	<LOD	#####	0.03	0.19	CBC

### Total Cannabinoids

Total THC = (0.877xTHCa + THC) =	<LOD	
Total CBD = (0.877xCBDa + CBD) =	7.36	Total cannabinoid Content (% of mass) = 7.36

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	0.25ml/min
Detector	UV-DAD	Signal	235nM
A	50mM Ammonium Acetate, pH 6.67	Injection	8uL
B	Methanol	# Injections	2

Sample Tested by	Signature	Date
Andrew Tan Lab Manager		12/04/2019