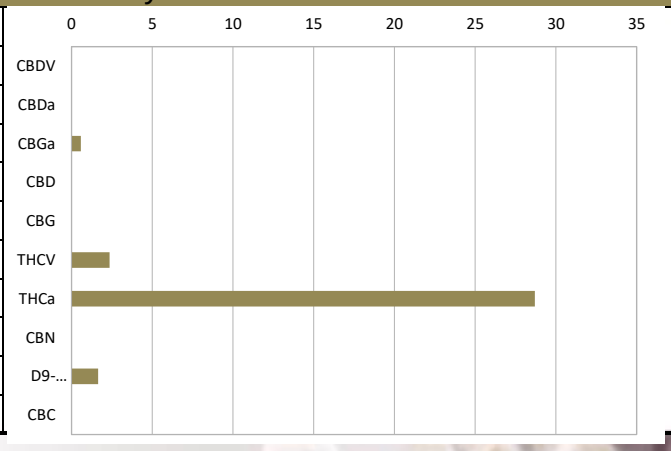
Certificate of Analysis

Cannabinoid Potency

Sample Details			
Client name:	Unregistered Client		
Sample name:	Sherbert	Sample ID:	UR-020-1
Date of delivery:	01/06/2020	Sample type:	Flowers
Date of analysis:	04/06/2020	Analysis type:	HPLC

Cannabinoid Analysis				
	Wt%	mg/g	LOD %	LOQ %
CBDV	<LOD	#####	0.07	0.19
CBDa	<LOD	#####	0.07	0.19
CBGa	0.58	5.8	0.07	0.19
CBD	<LOD	#####	0.09	0.19
CBG	<LOQ	#####	0.09	0.19
THCV	2.36	23.6	0.09	0.19
THCa	28.69	286.9	0.05	0.19
CBN	<LOQ	#####	0.03	0.19
D9-THC	1.641	16.41	0.03	0.19
CBC	<LOQ	#####	0.03	0.19



Total Cannabinoids			
Total THC = (0.877xTHCa + THC) =	26.80		
Total CBD = (0.877xCBDa + CBD)=	<LOD	Total cannabinoid Content (% of mass) =	33.271

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 4.52	Injection	8uL
B	Methanol	# Injections	

Sample Tested by	Signature	Date
Andrew Tan Lab Manager		04/06/2020

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