



CANNA HEALTH AMSTERDAM
NIEUWE NIEUWSTRAAT 28b
1012 NH AMSTERDAM
THE NETHERLANDS



Certificate of Analysis

Cannabinoid Potency

Sample Details			
Client name:	Canna Health Amsterdam		
Sample name:	Green Hornet	Sample ID:	23-CHA001-025
Date of delivery:	05/04/2023	Sample type:	Flowers
Date of analysis:	06/04/2023	Analysis type:	HPLC

Cannabinoid Analysis											
	Wt%	mg/g	LOD %	LOQ %	0	1	2	3	4	5	6
CBDV	<LOD	#####	0.07	0.19	CBDV						
CBDa	4.83	48.3	0.07	0.19	CBDa	[Bar chart showing CBDa at 4.83%]					
CBGa	<LOQ	#####	0.07	0.19	CBGa						
CBD	0.83	8.3	0.09	0.19	CBD	[Bar chart showing CBD at 0.83%]					
CBG	<LOD	#####	0.09	0.19	CBG						
THCV	<LOD	#####	0.09	0.19	THCV						
THCa	<LOQ	#####	0.05	0.19	THCa						
CBN	<LOQ	#####	0.03	0.19	CBN						
D9-THC	<LOQ	#####	0.03	0.19	D9-THC						
CBC	<LOQ	#####	0.03	0.19	CBC						

Total Cannabinoids			
Total THC = (0.877xTHCa + THC) =	<LOQ		
Total CBD = (0.877xCBDa + CBD)=	5.07	Total cannabinoid Content (% of mass) =	5.66

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		12/04/2023

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 - Tetrahydrocannabinolic 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