



Certificate ID: **91704**

Received: **1/22/21**

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Hemp House Farms
35 Diana Court
Cheshire, CT 06410
Attn: Brant Smith

Client Sample ID: **Lifter**

Lot Number: **1**

Matrix: **Flowers/Bud - Dry Flower**

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 2/3/2021
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: *JFD*

Test Date: *1/26/2021*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

91704-CN

ID	Weight %	Concentration (mg/g)			
D9-THC	0.0479	0.479			
THCV	ND	ND			
CBD	0.433	4.33			
CBDV	ND	ND			
CBG	0.0133	0.133			
CBC	0.0303	0.303			
CBN	ND	ND			
THCA	0.596	5.96			
CBDA	16.9	169			
CBGA	0.501	5.01			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	18.6	186	0%	Cannabinoids (wt%)	16.9%
Max THC	0.571	5.71		Limit of Quantitation (LOQ) = 0.0067 wt%	
Max CBD	15.3	153		Limit of Detection (LOD) = 0.0022 wt%	

Ratio of Total CBD to THC 26.8:1

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

END OF REPORT