

Hemp PT Certificate of Analysis

Hemp PT Sample HM21NOV-1 Material: hemp

Analyte	Value	± Standard Uncertainty	# Labs
% as received			
Δ9-THC	0.1962	0.0039	52
Δ9-THCA	0.07330	0.00289	47
CBD	3.421	0.062	43
CBDA	5.055	0.085	41
CBN	0.01744	0.00166	23
Total Δ9-THC	0.2661	0.0068	60
Total CBD	7.935	0.10	46
CBDV	0.03643	0.00539	12
CBDVA	0.05521	0.00597	6
CBG	0.1294	0.0079	24
CBGA	0.2366	0.0072	23
CBC	0.2403	0.0046	23
(-)-alpha-Bisabolol	0.05508	0.01640	7
beta-Caryophyllene	0.07358	0.00529	7
alpha-Humulene	0.02641	0.00218	6
Moisture	6.524	0.481	25

Hemp PT Sample HM21NOV-1

Material: hemp

Analyte	Value	± Standard Uncertainty	# Labs
% dry weight			
Δ9-THC	0.2128	0.0074	23
Δ9-THCA	0.07942	0.00450	23
CBD	3.516	0.097	22
CBDA	5.405	0.209	21
CBN	0.01628	0.00109	13
Total Δ9-THC	0.2758	0.0106	26
Total CBD	8.364	0.286	22
CBDV	0.05021	0.01875	7
CBG	0.1321	0.0067	13
CBGA	0.2574	0.0069	12
CBC	0.2536	0.0079	11
ug/g as-received			
Cd	0.150	0.0091	7
Pb	0.2073	0.0089	9

1. Data obtained from participant results in the University of Kentucky Hemp PT Program.
2. Sample was shipped on 11/8/21. Stored at room temperature until 12/15/21. Stored at -20 C after 12/15/21.
3. Values are robust means. Standard uncertainty determined as $1.25 \times \text{robust standard deviation} / \sqrt{\text{\#Labs}}$. Results only shown for analytes tested by 6 or more labs.