

Hemp PT Certificate of Analysis

Hemp PT Sample HM21NOV-2 Material: hemp

Analyte	Value	± Standard Uncertainty	# Labs
% as received			
Δ9-THC	0.2836	0.0054	52
Δ9-THCA	0.08363	0.00257	47
CBD	4.846	0.096	43
CBDA	5.654	0.095	41
CBN	0.02583	0.00174	25
Total Δ9-THC	0.3629	0.0069	60
Total CBD	9.839	0.125	46
CBDV	0.03949	0.00631	12
CBDVA	0.05457	0.00701	6
CBG	0.2244	0.0080	24
CBGA	0.3577	0.0116	23
CBC	0.2902	0.0048	23
(-)-alpha-Bisabolol	0.06527	0.02106	7
beta-Caryophyllene	0.08215	0.00680	7
alpha-Humulene	0.02888	0.00288	6
Moisture	6.501	0.511	25

Hemp PT Sample HM21NOV-2

Material: hemp

Analyte	Value	± Standard Uncertainty	# Labs
% dry weight			
Δ9-THC	0.3103	0.0097	23
Δ9-THCA	0.09065	0.00417	23
CBD	4.956	0.178	22
CBDA	6.027	0.241	21
CBN	0.02544	0.00178	14
Total Δ9-THC	0.3810	0.0114	26
Total CBD	10.44	0.29	22
CBDV	0.05041	0.01448	8
CBG	0.2353	0.0108	13
CBGA	0.3859	0.0153	12
CBC	0.3066	0.0098	11
ug/g as-received			
Cd	0.1578	0.0060	7
Pb	0.280	0.0074	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.