

Prepared for:
Hemp House

 719 W 26th St
 Minneapolis, MN USA 55405

50mg Orange Tincture


Batch ID or Lot Number: 17499-03	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 1
Reported: 25Jul2022	Started: 21Jul2022	Received: 21Jul2022	

Cannabinoids

Test ID: T000215180

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.867	5.010	3.170	0.10	# of Servings = 1, Sample Weight=28.67g
Cannabichromenic Acid (CBCA)	1.707	4.582	ND	ND	
Cannabidiol (CBD)	5.720	13.469	29.510	1.00	
Cannabidiolic Acid (CBDA)	5.867	13.814	ND	ND	
Cannabidivarin (CBDV)	1.353	3.186	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.448	5.763	ND	ND	
Cannabigerol (CBG)	1.060	2.844	2.780	0.10	
Cannabigerolic Acid (CBGA)	4.430	11.890	ND	ND	
Cannabinol (CBN)	1.383	3.711	ND	ND	
Cannabinolic Acid (CBNA)	3.023	8.112	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.278	14.166	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.794	12.865	57.690	2.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.247	11.398	ND	ND	
Tetrahydrocannabivarin (THCV)	0.964	2.587	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.746	10.054	ND	ND	
Total Cannabinoids			93.150	3.25	
Total Potential THC			57.690	2.01	
Total Potential CBD			29.510	1.03	

Final Approval

 Karen Winternheimer
 25Jul2022
 03:05:00 PM MDT

PREPARED BY / DATE


 Jacob Miller
 25Jul2022
 03:09:00 PM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/05be5a7f-244a-4b8e-a488-3e3d4288ee4b>
Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).


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