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CERTIFICATE OF ANALYSIS

Prepared for:
Tranquil Existence LLC
1309 Coffeen Ave, STE 1200
Sheridan, WY USA 82801

6000mg CBD Broad Spectrum Tincture

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 1
BU61011	Various	Unit	
Reported:	**Started:**	**Received:**	
06Oct2023	05Oct2023	04Oct2023	

Cannabinoids

Test ID: T000257998
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	16.663	54.412	<LOQ	<LOQ	# of Servings = 1, Sample Weight=57g
Cannabichromenic Acid (CBCA)	15.241	49.768	ND	ND	
Cannabidiol (CBD)	48.119	138.273	6346.110	111.30	
Cannabidiolic Acid (CBDA)	49.353	141.819	ND	ND	
Cannabidivarin (CBDV)	11.381	32.703	ND	ND	
Cannabidivarinic Acid (CBDVA)	20.588	59.160	ND	ND	
Cannabigerol (CBG)	9.461	30.893	179.850	3.20	
Cannabigerolic Acid (CBGA)	39.551	129.146	ND	ND	
Cannabinol (CBN)	12.343	40.303	ND	ND	
Cannabinolic Acid (CBNA)	26.984	88.112	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	47.119	153.859	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	42.793	139.732	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	37.914	123.803	ND	ND	
Tetrahydrocannabivarin (THCV)	8.606	28.100	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	33.442	109.199	ND	ND	
Total Cannabinoids			**6525.960**	**114.50**	
Total Potential THC			ND	ND	
Total Potential CBD			6346.110	111.30	

Final Approval


Karen Winternheimer
06Oct2023
09:56:00 AM MDT
PREPARED BY / DATE


Sam Smith
06Oct2023
09:57:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/f9395223-2e32-42b7-ba0d-19e26b1ba6cf

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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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