

Prepared for:

Trojan Horse Cannabis4545 East 60th Avenue
Commerce City, CO USA 80022**10:1, 10mg D9 THC, Tropical Blast Gummies**


Batch ID or Lot Number: TBD10N62322TH	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 29Jun2022	Started: 28Jun2022	Received: 27Jun2022	

**Residual Solvents -
Colorado Compliance**

Test ID: T000211771


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	78 - 1561	ND	
Butanes (Isobutane, n-Butane)	161 - 3221	ND	
Methanol	58 - 1154	ND	
Pentane	87 - 1740	ND	
Ethanol	87 - 1730	ND	
Acetone	93 - 1858	ND	
Isopropyl Alcohol	94 - 1885	ND	
Hexane	6 - 114	ND	
Ethyl Acetate	95 - 1909	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	92 - 1833	ND	
Toluene	17 - 344	ND	
Xylenes (m,p,o-Xylenes)	127 - 2537	ND	

Final Approval

Sam Smith
30Jun2022
07:18:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
30Jun2022
07:23:00 PM MDT

APPROVED BY / DATE

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Heavy Metals - Colorado Compliance

Test ID: T000211770
 Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.08 - 7.89	ND	
Cadmium	0.08 - 7.91	ND	
Mercury	0.08 - 7.85	ND	
Lead	0.08 - 8.13	ND	

Final Approval


 Kayla Pbye
 29Jun2022
 04:18:00 PM MDT
 PREPARED BY / DATE

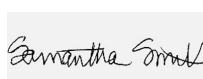

 Sam Smith
 29Jun2022
 04:19:00 PM MDT
 APPROVED BY / DATE


Cannabinoids - Colorado Compliance

Test ID: T000211767
 Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.008	0.024	0.028	0.28	Total CBD is 100.4mg per 5.5g gummy. Total d9THC is 10.1mg per 5.5g gummy.
Cannabichromenic Acid (CBCA)	0.007	0.022	ND	ND	
Cannabidiol (CBD)	0.018	0.061	1.826	18.26	
Cannabidiolic Acid (CBDA)	0.019	0.063	ND	ND	
Cannabidivarin (CBDV)	0.004	0.015	0.020	0.20	
Cannabidivarinic Acid (CBDVA)	0.008	0.026	ND	ND	
Cannabigerol (CBG)	0.004	0.014	0.044	0.44	
Cannabigerolic Acid (CBGA)	0.018	0.057	ND	ND	
Cannabinol (CBN)	0.006	0.018	ND	ND	
Cannabinolic Acid (CBNA)	0.012	0.039	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.021	0.068	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.019	0.062	0.184	1.84	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.017	0.055	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.048	ND	ND	
Total Cannabinoids			2.102	21.02	
Total Potential THC			0.184	1.84	
Total Potential CBD			1.826	18.26	

Final Approval


 Sam Smith
 30Jun2022
 09:42:00 AM MDT
 PREPARED BY / DATE


 Kayla Pbye
 30Jun2022
 09:45:00 AM MDT
 APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000211769
 Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval

 Eden Thompson-Wright 30Jun2022 02:50:00 PM MDT	 Brett Hudson 30Jun2022 04:33:00 PM MDT
PREPARED BY / DATE	APPROVED BY / DATE

Mycotoxins - Colorado Compliance

Test ID: T000211772
 Methods: TM18 (UHPLC-QQQ)
 LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.45 - 117.54	ND	N/A
Aflatoxin B1	0.91 - 29.30	ND	
Aflatoxin B2	1.19 - 29.07	ND	
Aflatoxin G1	0.99 - 28.99	ND	
Aflatoxin G2	1.31 - 29.33	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

 Sam Smith 30Jun2022 03:25:00 PM MDT	 Jacob Miller 30Jun2022 03:29:00 PM MDT
PREPARED BY / DATE	APPROVED BY / DATE

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Pesticides

Test ID: T000211768
 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	306 - 2780	ND	Malathion	293 - 2714	ND
Acephate	41 - 2758	ND	Metalaxyl	49 - 2730	ND
Acetamiprid	43 - 2772	ND	Methiocarb	45 - 2812	ND
Azoxystrobin	47 - 2763	ND	Methomyl	42 - 2766	ND
Bifenazate	44 - 2736	ND	MGK 264 1	109 - 1647	ND
Boscalid	67 - 2718	ND	MGK 264 2	121 - 1152	ND
Carbaryl	38 - 2723	ND	Myclobutanil	48 - 2785	ND
Carbofuran	42 - 2701	ND	Naled	43 - 2785	ND
Chlorantraniliprole	54 - 2793	ND	Oxamyl	42 - 2761	ND
Chlorpyrifos	37 - 2809	ND	Paclobutrazol	43 - 2735	ND
Clofentezine	280 - 2747	ND	Permethrin	298 - 2789	ND
Diazinon	283 - 2744	ND	Phosmet	40 - 2703	ND
Dichlorvos	280 - 2791	ND	Prophos	287 - 2772	ND
Dimethoate	45 - 2764	ND	Propoxur	42 - 2706	ND
E-Fenpyroximate	290 - 2692	ND	Pyridaben	299 - 2798	ND
Etofenprox	41 - 2790	ND	Spinosad A	36 - 2226	ND
Etoxazole	297 - 2747	ND	Spinosad D	48 - 496	ND
Fenoxycarb	36 - 2767	ND	Spiromesifen	235 - 2780	ND
Fipronil	22 - 2702	ND	Spirotetramat	293 - 2658	ND
Flonicamid	48 - 2771	ND	Spiroxamine 1	19 - 1200	ND
Fludioxonil	332 - 2811	ND	Spiroxamine 2	25 - 1585	ND
Hexythiazox	46 - 2810	ND	Tebuconazole	284 - 2785	ND
Imazalil	292 - 2777	ND	Thiacloprid	43 - 2757	ND
Imidacloprid	44 - 2773	ND	Thiamethoxam	42 - 2794	ND
Kresoxim-methyl	52 - 2813	ND	Trifloxystrobin	43 - 2746	ND

Final Approval


 Daniel Weidensaul
 01Jul2022
 12:16:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 01Jul2022
 12:23:00 PM MDT
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/6a876fb7-5880-4cfe-8f46-c9ea578d89df>**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.

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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