

Prepared for:
Uh Huh Honey Inc.
 910 Santa Fe Dr
 Denver, CO USA 80204

Pomegranate CBD Honey


Batch ID or Lot Number: PG-15011	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 5 of 5
Reported: 02Mar2022	Started: 02Mar2022	Received: 28Feb2022	


Cannabinoids - Colorado Compliance

Test ID: T000195206
 Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.021	ND	ND	
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND	
Cannabidiol (CBD)	0.019	0.056	0.022*	0.22*	
Cannabidiolic Acid (CBDA)	0.019	0.057	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.024	ND	ND	
Cannabigerol (CBG)	0.004	0.012	ND	ND	
Cannabigerolic Acid (CBGA)	0.017	0.051	ND	ND	
Cannabinol (CBN)	0.005	0.016	ND	ND	
Cannabinolic Acid (CBNA)	0.012	0.035	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.021	0.060	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.019	0.055	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.017	0.049	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.043	ND	ND	
Total Cannabinoids			0.022	0.22	
Total Potential THC**			ND	ND	
Total Potential CBD**			0.022	0.22	

Final Approval


 Ryan Weems
 04Mar2022
 02:00:00 PM MST
 PREPARED BY / DATE


 Daniel Weidensaul
 04Mar2022
 02:07:00 PM MST
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/13a821c6-548f-4d39-a836-7a003ef335cf>

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 17025:2005 Accredited 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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**Residual Solvents -
Colorado Compliance**

Test ID: T000195211


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	70 - 1408	ND	
Butanes (Isobutane, n-Butane)	135 - 2693	ND	
Methanol	44 - 881	ND	
Pentane	84 - 1674	ND	
Ethanol	86 - 1713	ND	
Acetone	93 - 1850	ND	
Isopropyl Alcohol	98 - 1964	ND	
Hexane	5 - 108	ND	
Ethyl Acetate	87 - 1735	ND	
Benzene	0.2 - 3.3	ND	
Heptanes	88 - 1751	ND	
Toluene	16 - 321	ND	
Xylenes (m,p,o-Xylenes)	110 - 2205	ND	

Final Approval

Hannah Wright
03Mar2022
06:03:00 PM MST

PREPARED BY / DATE



Ryan Weems
03Mar2022
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**Heavy Metals -
Colorado Compliance**

Test ID: T000195210
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.42	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.53	ND	
Lead	0.04 - 4.35	ND	

Final Approval


Ryan Weems
03Mar2022
04:39:00 PM MST
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Daniel Weidensaul
03Mar2022
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Pesticides

Test ID: T000195207
 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	322 - 2840	ND		Malathion	294 - 2661	ND
Acephate	54 - 2834	ND		Metalaxyl	50 - 2673	ND
Acetamiprid	30 - 2850	ND		Methiocarb	44 - 2702	ND
Azoxystrobin	71 - 2647	ND		Methomyl	41 - 2830	ND
Bifenazate	49 - 2654	ND		MGK 264 1	169 - 1617	ND
Boscalid	49 - 2743	ND		MGK 264 2	115 - 1118	ND
Carbaryl	45 - 2721	ND		Myclobutanil	37 - 2684	ND
Carbofuran	44 - 2711	ND		Naled	50 - 2754	ND
Chlorantraniliprole	48 - 2707	ND		Oxamyl	34 - 2780	ND
Chlorpyrifos	31 - 2844	ND		Paclobutrazol	47 - 2709	ND
Clofentezine	292 - 2742	ND		Permethrin	274 - 2825	ND
Diazinon	272 - 2670	ND		Phosmet	46 - 2681	ND
Dichlorvos	271 - 2845	ND		Prophos	305 - 2720	ND
Dimethoate	29 - 2850	ND		Propoxur	45 - 2731	ND
E-Fenpyroximate	267 - 2827	ND		Pyridaben	289 - 2821	ND
Etofenprox	44 - 2832	ND		Spinosad A	46 - 2294	ND
Etoxazole	291 - 2814	ND		Spinosad D	48 - 512	ND
Fenoxycarb	46 - 2651	ND		Spiromesifen	253 - 2833	ND
Fipronil	76 - 2714	ND		Spirotetramat	272 - 2684	ND
Fonicamid	39 - 2853	ND		Spiroxamine 1	18 - 1184	ND
Fludioxonil	324 - 2826	ND		Spiroxamine 2	24 - 1551	ND
Hexythiazox	38 - 2847	ND		Tebuconazole	295 - 2672	ND
Imazalil	285 - 2727	ND		Thiacloprid	27 - 2798	ND
Imidacloprid	20 - 2856	ND		Thiamethoxam	33 - 2817	ND
Kresoxim-methyl	44 - 2698	ND		Trifloxystrobin	50 - 2759	ND

Final Approval


 Sam Smith
 03Mar2022
 02:44:00 PM MST
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 Karen Winternheimer
 03Mar2022
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Mycotoxins - Colorado Compliance

Test ID: T000195212
Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.74 - 131.23	ND	N/A
Aflatoxin B1	0.91 - 32.73	ND	
Aflatoxin B2	0.94 - 32.29	ND	
Aflatoxin G1	1.01 - 32.76	ND	
Aflatoxin G2	1.10 - 31.15	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Ryan Weems
04Mar2022
08:51:00 AM MST
PREPARED BY / DATE



Sam Smith
04Mar2022
08:55:00 AM MST
APPROVED BY / DATE

Microbial Contaminants - Colorado Compliance

Test ID: T000195208
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
Salmonella	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	<LLOQ	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Jackson Osaghae-Nosa
04Mar2022
04:41:00 PM MST
PREPARED BY / DATE


Brianne Maillot
05Mar2022
05:12:00 PM MST
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