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- **Response:** Contém uma mistura exclusiva de CBD, terpenos e óleos essenciais designados para auxiliar nos sintomas de ansiedade e baixa energia.

- **Personalização:** Ao mesmo tempo em que Response é indicado para a maioria dos indivíduos, é também formulado especialmente para alinhar-se com o DNA individual e suas predisposições genéticas.

- **Alinhamento Genético:** Baseado em estudos científicos, poderá ser melhor otimizado para indivíduos com variações genéticas nos genes CNR1 e FAAH.

- **Frasco Miron Glass:** É embalado em um frasco de vidro violeta, fotobiótico, para preservar as propriedades sensíveis dos micronutrientes, canabinóides, terpenos e óleos essenciais e também as frequências sùtis, presentes em cada uma das fórmulas exclusivas.

quanticherbs.com



QUANTIC HERBS

Endo-aligned

RESPONSE

Auxílio para controle da
ansiedade e recarga energética

Full spectrum 1500mg (0,2% THC)

Todos os ingredientes são derivados de fontes naturais fito botânicas e processadas para garantir no mínimo 95% de pureza. Este processo único permite definir consistência e garante que cada uma de nossas fórmulas exclusivas proporcione efeitos homogêneos relacionados ao bem estar físico e mental, associados com a formulação específica.

Especificações:

- **Canabinóides:** CBD, CBDV, CBN e CBG
- **Perfil do terpeno (primário):** β -Cariofileno, Linalol e Pinenol
- **Óleos essenciais:** Geranium, Menta, Lavanda e Goiaba
- **Óleo de base:** MCT

Produzido em uma unidade BPF (Boas Práticas de Fabricação) de acordo com padrões estritos a fim da segurança e consistência.



Prepared for:

Quantic herbs USA, LLC

5830 E 2ND ST, STE 7000

CASPER, WY 82609

Quantic herbs Response Tincture Full S.

Batch ID or Lot Number: 230516-2	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 19Oct2023	Started: 18Sept2023	Received: 18Sept2023	

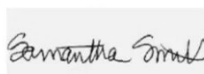
Residual Solvents

Test ID: T000244381

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2068	ND	
Butanes (Isobutane, n-Butane)	212 - 4242	ND	
Methanol	63 - 1260	ND	
Pentane	106 - 2114	ND	
Ethanol	101 - 2028	ND	
Acetone	103 - 2058	ND	
Isopropyl Alcohol	103 - 2053	ND	
Hexane	6 - 126	ND	
Ethyl Acetate	101 - 2022	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	103 - 2051	ND	
Toluene	18 - 358	ND	
Xylenes (m,p,o-Xylenes)	125 - 2490	ND	

Final Approval


Sam Smith
19Sept2023
11:55:00 AM MDT


Karen Winternheimer
19Sept2023
11:57:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

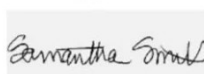
Heavy Metals


Test ID: T000244380

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.53	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.60	ND	
Lead	0.04 - 4.50	ND	

Final Approval


Sam Smith
22Sept2023
07:47:00 AM MDT


Karen Winternheimer
22Sept2023
07:49:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE



CERTIFICATE OF ANALYSIS

Prepared for:

Quantic herbs USA, LLC

5830 E 2ND ST, STE 7000

CASPER, WY 82609

Quantic herbs Response Tincture Full S.

Batch ID or Lot Number: 230516-2	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 7
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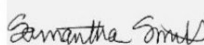
Cannabinoids

Test ID: T000244376

Methods: TM14 (HPLC-DAD)

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.056	0.183	0.760	0.80	Density = 1g/mL
Cannabichromenic Acid (CBCA)	0.051	0.167	ND	ND	
Cannabidiol (CBD)	0.149	0.468	55.770	55.80	
Cannabidiolic Acid (CBDA)	0.152	0.480	ND	ND	
Cannabidivarin (CBDV)	0.035	0.111	0.440	0.40	
Cannabidivarinic Acid (CBDVA)	0.064	0.200	ND	ND	
Cannabigerol (CBG)	0.032	0.104	ND	ND	
Cannabigerolic Acid (CBGA)	0.132	0.434	ND	ND	
Cannabinol (CBN)	0.041	0.135	0.150	0.20	
Cannabinolic Acid (CBNA)	0.090	0.296	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.157	0.517	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.143	0.470	1.910	1.90	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.127	0.416	ND	ND	
Tetrahydrocannabivarin (THCV)	0.029	0.094	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.112	0.367	ND	ND	
Total Cannabinoids			59.030	59.10	
Total Potential THC			1.910	1.90	
Total Potential CBD			55.770	55.80	

Final Approval


 Sam Smith
 23Sept2023
 02:16:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 23Sept2023
 02:28:00 PM MDT
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Quantic herbs Response Tincture Full S.

Batch ID or Lot Number: 230516-2	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 7
Reported: 19Oct2023	Started: 18Sept2023	Received: 18Sept2023	

Microbial Contaminants

Test ID: T000244379
 Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	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


 Brett Hudson
 22|Sept2023
 03:51:00 PM MDT

PREPARED BY / DATE


 Eden Thompson-Wright
 23Sept2023
 09:47:00 AM MDT

APPROVED BY / DATE

Prepared for:
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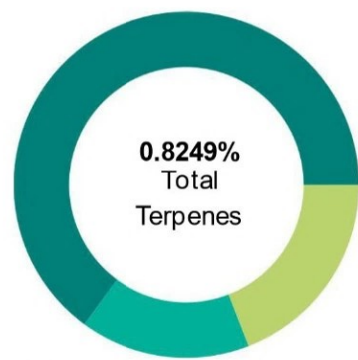
Quantic herbs Response Tincture Full S.

Batch ID or Lot Number: 230516-2	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 7
Reported: 19Oct2023	Started: 18Sept2023	Received: 18Sept2023	

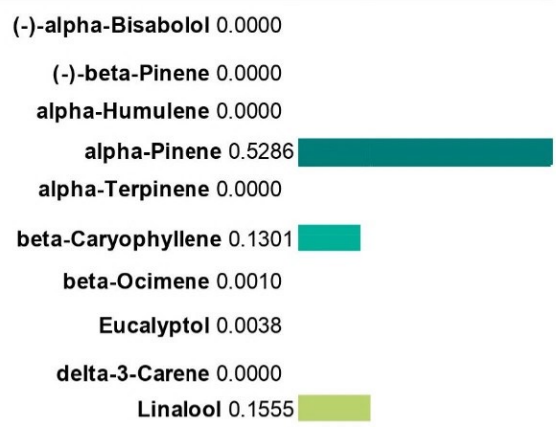
Terpenes

Test ID: T000244377
Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.5286	5.286
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.1301	1.301
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0010	0.010
Camphene	0.0059	0.059
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0038	0.038
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.1555	1.555
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
Total	0.8249	8.2490



PREDOMINANT TERPENES



Notes

Final Approval

K Winternheimer
Karen Winternheimer
24Sept2023
03:03:00 PM MDT
PREPARED BY / DATE

Samantha Smith
Sam Smith
24Sept2023
03:11:00 PM MDT
APPROVED BY / DATE

Prepared for:
Quantic herbs USA, LLC
5830 E 2ND ST, STE 7000
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Quantic herbs Response Tincture Full S.

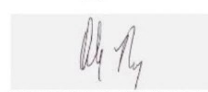
Batch ID or Lot Number: 230516-2	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 7
Reported: 19Oct2023	Started: 18Sept023	Received: 18Sept2023	

Pesticides

Test ID: T000244378
Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	272 - 2715	ND	Malathion	288- 2719	ND
Acephate	44 - 2775	ND	Metalaxyl	39 - 2714	ND
Acetamiprid	44 - 2747	ND	Methiocarb	46 - 2692	ND
Azoxystrobin	45 - 2714	ND	Methomyl	45 - 2768	ND
Bifenazate	39 - 2690	ND	MGK 264 1	167- 1674	ND
Boscalid	31 - 2648	ND	MGK 264 2	101- 1063	ND
Carbaryl	43 - 2748	ND	Myclobutanil	47 - 2722	ND
Carbofuran	41 - 2718	ND	Naled	52 - 2771	ND
Chlorantraniliprole	44 - 2660	ND	Oxamyl	46 - 2772	ND
Chlorpyrifos	40 - 2733	ND	Paclobutrazol	44 - 2722	ND
Clofentezine	291 - 2714	ND	Permethrin	260- 2692	ND
Diazinon	281 - 2707	ND	Phosmet	42 - 2726	ND
Dichlorvos	272 - 2769	ND	Prophos	304- 2666	ND
Dimethoate	43 - 2729	ND	Propoxur	43 - 2740	ND
E-Fenpyroximate	270 - 2726	ND	Pyridaben	294- 2663	ND
Etofenprox	41 - 2666	ND	Spinosad A	33 - 2083	ND
Etoxazole	292 - 2672	ND	Spinosad D	64- 658	ND
Fenoxycarb	14 - 2725	ND	Spiromesifen	258- 2708	ND
Fipronil	28 - 2650	ND	Spirotetramat	265- 2777	ND
Fonicamid	54 - 2811	ND	Spiroxamine 1	20 - 1162	ND
Fludioxonil	278 - 2651	ND	Spiroxamine 2	25 - 1480	ND
Hexythiazox	43 - 2705	ND	Tebuconazole	286- 2782	ND
Imazalil	276 - 2741	ND	Thiacloprid	42 - 2728	ND
Imidacloprid	50 - 2785	ND	Thiamethoxam	46 - 2775	ND
Kresoxim-methyl	45 - 2723	ND	Trifloxystrobin	42 - 2708	ND

Final Approval



Alex Benson
25MSept2023
12:41:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
25Sept2023
02:50:00 PM MDT

APPROVED BY /DATE

Prepared for:
Quantic herbs USA, LLC
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CASPER, WY 82609

Quantic herbs Response Tincture Full S.

Batch ID or Lot Number: 230516-2	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 6 of 7
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<https://results.botanacor.com/api/v1/coas/uuid/c202153f-f872-43c7-bb80-6d7e4e871a4f>

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 SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. 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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