

Prepared for:
Respect Manufacturing Corporation

4721 Ironton St Suite A
Denver, CO USA 80239

Awaken Arousal Oil with CBD 15ml

Batch ID or Lot Number: A0052	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 24Jan2025	Started: 24Jan2025	Received: 23Jan2025	


Residual Solvents - Colorado Compliance

Test ID: T000297110


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2070	ND	
Butanes (Isobutane, n-Butane)	202 - 4039	ND	
Methanol	69 - 1379	ND	
Pentane	100 - 2003	ND	
Ethanol	99 - 1987	ND	
Acetone	103 - 2061	ND	
Isopropyl Alcohol	104 - 2080	ND	
Hexane	6 - 126	ND	
Ethyl Acetate	105 - 2094	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	102 - 2047	ND	
Toluene	19 - 374	ND	
Xylenes (m,p,o-Xylenes)	134 - 2678	ND	

Final Approval


Sam Smith
24Jan2025
02:27:00 PM MST

PREPARED BY / DATE


Karen Winternheimer
24Jan2025
02:28:00 PM MST

APPROVED BY / DATE

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Respect Manufacturing Corporation

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Heavy Metals - Colorado Compliance


Test ID: T000297109
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.15	ND	
Cadmium	0.04 - 4.07	ND	
Mercury	0.04 - 4.04	ND	
Lead	0.04 - 3.51	ND	

Final Approval


Judith Marquez
28Jan2025
01:43:00 PM MST

PREPARED BY / DATE


Sam Smith
28Jan2025
01:54:00 PM MST

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Pesticides

Test ID: T000297107

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	338 - 2769	ND		Malathion	267 - 2642	ND
Acephate	4 - 2648	ND		Metalaxyl	44 - 2688	ND
Acetamiprid	46 - 2642	ND		Methiocarb	44 - 2698	ND
Azoxystrobin	47 - 2678	ND		Methomyl	43 - 2706	ND
Bifenazate	43 - 2591	ND		MGK 264 1	171 - 1609	ND
Boscalid	33 - 2675	ND		MGK 264 2	113 - 1057	ND
Carbaryl	44 - 2730	ND		Myclobutanil	45 - 2677	ND
Carbofuran	42 - 2710	ND		Naled	49 - 2697	ND
Chlorantraniliprole	50 - 2688	ND		Oxamyl	45 - 2685	ND
Chlorpyrifos	37 - 2715	ND		Paclobutrazol	46 - 2721	ND
Clofentezine	281 - 2735	ND		Permethrin	300 - 2830	ND
Diazinon	287 - 2672	ND		Phosmet	43 - 2498	ND
Dichlorvos	287 - 2674	ND		Prophos	285 - 2704	ND
Dimethoate	44 - 2662	ND		Propoxur	41 - 2723	ND
E-Fenpyroximate	234 - 2832	ND		Pyridaben	289 - 2798	ND
Etofenprox	46 - 2786	ND		Spinosad A	37 - 2094	ND
Etoxazole	279 - 2694	ND		Spinosad D	68 - 689	ND
Fenoxycarb	46 - 2705	ND		Spiromesifen	290 - 2785	ND
Fipronil	34 - 2675	ND		Spirotetramat	270 - 2716	ND
Flonicamid	51 - 2649	ND		Spiroxamine 1	16 - 1029	ND
Fludioxonil	298 - 2633	ND		Spiroxamine 2	28 - 1590	ND
Hexythiazox	46 - 2776	ND		Tebuconazole	290 - 2692	ND
Imazalil	263 - 2713	ND		Thiacloprid	45 - 2663	ND
Imidacloprid	46 - 2694	ND		Thiamethoxam	43 - 2653	ND
Kresoxim-methyl	44 - 2718	ND		Trifloxystrobin	48 - 2734	ND

Final Approval


Sam Smith
29Jan2025
11:09:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
29Jan2025
11:11:00 AM MST
APPROVED BY / DATE

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Cannabinoids - Colorado Compliance


Test ID: T000297105

Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.020	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabidiol (CBD)	0.019	0.058	0.148	1.48	
Cannabidiolic Acid (CBDA)	0.019	0.060	ND	ND	
Cannabidivarin (CBDV)	0.004	0.014	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.025	ND	ND	
Cannabigerol (CBG)	0.003	0.012	ND	ND	
Cannabigerolic Acid (CBGA)	0.014	0.049	ND	ND	
Cannabinol (CBN)	0.004	0.015	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.033	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.017	0.058	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.015	0.053	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.014	0.047	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.041	ND	ND	
Total Cannabinoids			0.148	1.48	
Total Potential THC			ND	ND	
Total Potential CBD			0.148	1.48	

Final Approval


Judith Marquez
29Jan2025
04:34:00 PM MST
PREPARED BY / DATE


Sam Smith
29Jan2025
04:36:00 PM MST
APPROVED BY / DATE

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Awaken Arousal Oil with CBD 15ml


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Mycotoxins - Colorado Compliance

Test ID: T000297112
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.96 - 140.16	ND	N/A
Aflatoxin B1	1.02 - 34.52	ND	
Aflatoxin B2	0.96 - 34.22	ND	
Aflatoxin G1	1.02 - 34.45	ND	
Aflatoxin G2	1.22 - 34.49	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Samantha Smith
29Jan2025
10:15:00 AM MST
PREPARED BY / DATE



Karen Winternheimer
29Jan2025
10:18:00 AM MST
APPROVED BY / DATE


Microbial Contaminants - Colorado Compliance

Test ID: T000297108
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	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Nora Langer
30Jan2025
02:25:00 PM MST
PREPARED BY / DATE


Brett Hudson
31Jan2025
06:02:00 PM MST
APPROVED BY / DATE

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Awaken Arousal Oil with CBD 15ml

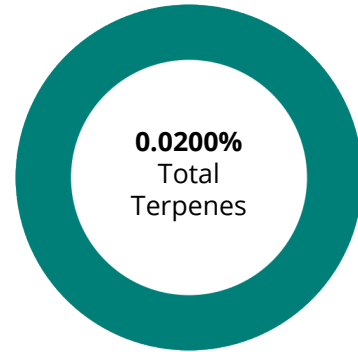
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Terpenes

Test ID: T000297106

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	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0000	0.0000
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0100	0.100
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0100	0.100
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0200	0.2000





PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0000
beta-Myrcene	0.0000
d-Limonene	0.0100
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval


Sam Smith
05Feb2025
11:26:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
05Feb2025
11:27:00 AM MST
APPROVED BY / DATE


Water Activity (Aw)

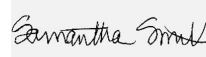
Test ID: T000297111

Methods: TM-29 (Chilled Mirror Dew
Point)

	Result	Notes
Aw	0.27	Free from visual mold, mildew, and foreign matter

Final Approval


Judith Marquez
05Feb2025
02:22:00 PM MST
PREPARED BY / DATE


Sam Smith
05Feb2025
02:25:00 PM MST
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/090ff395-e6c2-4c69-9846-03c2bbd1e6c6>

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. 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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