

Prepared for:
EXTRACT LABS

1399 Horizon Ave
Lafayette, CO USA 80026

Gummies: Sleep CBN + D9 Blackberry Hibiscus

Batch ID or Lot Number: 24E5051907	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: 26Jul2024	Started: 25Jul2024	Received: 24Jul2024	


Residual Solvents - Colorado Compliance

Test ID: T000286851


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	69 - 1372	ND	
Butanes (Isobutane, n-Butane)	137 - 2742	ND	
Methanol	50 - 1004	ND	
Pentane	71 - 1418	ND	
Ethanol	78 - 1564	374	
Acetone	82 - 1634	ND	
Isopropyl Alcohol	85 - 1710	ND	
Hexane	5 - 100	ND	
Ethyl Acetate	84 - 1679	ND	
Benzene	0.2 - 3.4	ND	
Heptanes	78 - 1562	ND	
Toluene	15 - 305	ND	
Xylenes (m,p,o-Xylenes)	111 - 2213	ND	

Final Approval


Sam Smith
26Jul2024
08:27:00 AM MDT

PREPARED BY / DATE


Karen Winternheimer
26Jul2024
08:30:00 AM MDT

APPROVED BY / DATE

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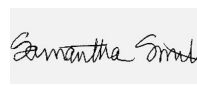
Cannabinoids - Colorado Compliance

Test ID: T000286847
Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.019	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.017	ND	ND	
Cannabidiol (CBD)	0.028	0.059	2.046	20.46	
Cannabidiolic Acid (CBDA)	0.029	0.061	ND	ND	
Cannabidivarin (CBDV)	0.007	0.014	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.012	0.025	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Cannabigerolic Acid (CBGA)	0.013	0.044	ND	ND	
Cannabinol (CBN)	0.004	0.014	0.327	3.27	
Cannabinolic Acid (CBNA)	0.009	0.030	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.016	0.053	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.048	0.150	1.50	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.013	0.043	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.038	ND	ND	
Total Cannabinoids			2.523	25.23	
Total Potential THC			0.150	1.50	
Total Potential CBD			2.046	20.46	

Final Approval


Karen Winternheimer
29Jul2024
08:43:00 AM MDT
PREPARED BY / DATE


Sam Smith
29Jul2024
08:46:00 AM MDT
APPROVED BY / DATE

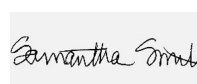
Heavy Metals - Colorado Compliance

Test ID: T000286850
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.95	ND	
Cadmium	0.05 - 4.59	ND	
Mercury	0.05 - 4.54	ND	
Lead	0.05 - 4.80	ND	

Final Approval


Karen Winternheimer
29Jul2024
11:19:00 AM MDT
PREPARED BY / DATE


Sam Smith
29Jul2024
11:36:00 AM MDT
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000286849
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



Brett Hudson
28Jul2024
01:24:00 PM MDT



Brianne Maillot
29Jul2024
10:52:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Mycotoxins - Colorado Compliance

Test ID: T000286852
Methods: TM18 (UHPLC-QQQ
LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.84 - 135.69	ND	N/A
Aflatoxin B1	1.04 - 33.69	ND	
Aflatoxin B2	1.01 - 33.14	ND	
Aflatoxin G1	1.11 - 32.88	ND	
Aflatoxin G2	1.21 - 34.09	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
31Jul2024
08:30:00 AM MDT



Sam Smith
31Jul2024
08:40:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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Pesticides


Test ID: T000286848

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	107 - 2682	ND		Malathion	275 - 2659	ND
Acephate	31 - 2792	ND		Metalaxyl	44 - 2679	ND
Acetamiprid	42 - 2774	ND		Methiocarb	42 - 2718	ND
Azoxystrobin	43 - 2674	ND		Methomyl	40 - 2828	ND
Bifenazate	42 - 2680	ND		MGK 264 1	177 - 1644	ND
Boscalid	42 - 2687	ND		MGK 264 2	96 - 1072	ND
Carbaryl	41 - 2704	ND		Myclobutanil	43 - 2658	ND
Carbofuran	41 - 2684	ND		Naled	52 - 2679	ND
Chlorantraniliprole	45 - 2686	ND		Oxamyl	45 - 2848	ND
Chlorpyrifos	44 - 2636	ND		Paclobutrazol	44 - 2690	ND
Clofentezine	282 - 2706	ND		Permethrin	332 - 2727	ND
Diazinon	274 - 2682	ND		Phosmet	40 - 2546	ND
Dichlorvos	262 - 2784	ND		Prophos	291 - 2704	ND
Dimethoate	40 - 2766	ND		Propoxur	41 - 2702	ND
E-Fenpyroximate	327 - 2678	ND		Pyridaben	330 - 2693	ND
Etofenprox	41 - 2682	ND		Spinosad A	31 - 2075	ND
Etoxazole	317 - 2599	ND		Spinosad D	72 - 648	ND
Fenoxycarb	22 - 2690	ND		Spiromesifen	320 - 2660	ND
Fipronil	38 - 2766	ND		Spirotetramat	282 - 2737	ND
Flonicamid	50 - 2832	ND		Spiroxamine 1	17 - 1026	ND
Fludioxonil	290 - 2689	ND		Spiroxamine 2	26 - 1580	ND
Hexythiazox	42 - 2682	ND		Tebuconazole	290 - 2633	ND
Imazalil	286 - 2708	ND		Thiacloprid	43 - 2796	ND
Imidacloprid	43 - 2798	ND		Thiamethoxam	42 - 2815	ND
Kresoxim-methyl	47 - 2706	ND		Trifloxystrobin	42 - 2699	ND

Final Approval


 Karen Winternheimer
 01Aug2024
 09:19:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 01Aug2024
 09:24:00 AM MDT
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/31f89d97-a01c-4def-8b4f-d4d381eab46d>

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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