

Prepared for:

ASPEN GREEN

26 AVONDALE LANE #216B
BEAVER CREEK, CO USA 81620

Rest Berry Organic Gummies

Batch ID or Lot Number: AG-2311-RBG	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 15Nov2023	Started: 15Nov2023	Received: 14Nov2023	


Residual Solvents - Colorado Compliance

Test ID: T000261111


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	92 - 1845	ND	
Butanes (Isobutane, n-Butane)	175 - 3497	ND	
Methanol	60 - 1195	ND	
Pentane	94 - 1889	ND	
Ethanol	101 - 2019	ND	
Acetone	97 - 1932	ND	
Isopropyl Alcohol	103 - 2053	ND	
Hexane	6 - 116	ND	
Ethyl Acetate	100 - 1997	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	96 - 1924	ND	
Toluene	18 - 351	ND	
Xylenes (m,p,o-Xylenes)	129 - 2570	ND	

Final Approval

 Karen Winternheimer
15Nov2023
04:15:00 PM MST

PREPARED BY / DATE

 Sam Smith
15Nov2023
04:16:00 PM MST

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Pesticides


Test ID: T000261108

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	320 - 2657	ND		Malathion	291 - 2732	ND
Acephate	40 - 2714	ND		Metalaxyl	40 - 2717	ND
Acetamiprid	42 - 2674	ND		Methiocarb	42 - 2689	ND
Azoxystrobin	44 - 2736	ND		Methomyl	40 - 2733	ND
Bifenazate	40 - 2717	ND		MGK 264 1	152 - 1642	ND
Boscalid	39 - 2668	ND		MGK 264 2	107 - 1082	ND
Carbaryl	40 - 2700	ND		Myclobutanil	66 - 2662	ND
Carbofuran	46 - 2701	ND		Naled	48 - 2655	ND
Chlorantraniliprole	44 - 2691	ND		Oxamyl	41 - 2730	ND
Chlorpyrifos	43 - 2693	ND		Paclobutrazol	40 - 2694	ND
Clofentezine	291 - 2692	ND		Permethrin	286 - 2771	ND
Diazinon	289 - 2731	ND		Phosmet	42 - 2611	ND
Dichlorvos	290 - 2635	ND		Prophos	262 - 2694	ND
Dimethoate	41 - 2692	ND		Propoxur	45 - 2660	ND
E-Fenpyroximate	282 - 2759	ND		Pyridaben	286 - 2751	ND
Etofenprox	45 - 2729	ND		Spinosad A	32 - 2077	ND
Etoxazole	284 - 2668	ND		Spinosad D	68 - 682	ND
Fenoxycarb	45 - 2740	ND		Spiromesifen	285 - 2744	ND
Fipronil	52 - 2898	ND		Spirotetramat	283 - 2778	ND
Flonicamid	45 - 2724	ND		Spiroxamine 1	15 - 1008	ND
Fludioxonil	266 - 2671	ND		Spiroxamine 2	23 - 1592	ND
Hexythiazox	42 - 2775	ND		Tebuconazole	288 - 2759	ND
Imazalil	278 - 2740	ND		Thiacloprid	42 - 2695	ND
Imidacloprid	38 - 2748	ND		Thiamethoxam	43 - 2737	ND
Kresoxim-methyl	44 - 2717	ND		Trifloxystrobin	46 - 2716	ND

Final Approval


 Karen Winternheimer
 16Nov2023
 10:22:00 AM MST
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 Sam Smith
 16Nov2023
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26 AVONDALE LANE #216B
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Reported: 15Nov2023	Started: 15Nov2023	Received: 14Nov2023	

Mycotoxins - Colorado Compliance


Test ID: T000261112


Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.13 - 130.72	ND	N/A
Aflatoxin B1	1.08 - 31.32	ND	
Aflatoxin B2	1.04 - 31.81	ND	
Aflatoxin G1	1.11 - 31.71	ND	
Aflatoxin G2	1.08 - 32.13	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


 Sam Smith
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 Karen Winternheimer
 17Nov2023
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Rest Berry Organic Gummies

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Terpenes

Test ID: T000261107

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	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
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
	0.0000	0.0000


0.0000%
Total
Terpenes

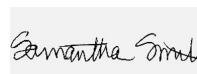
PREDOMINANT TERPENES

(-)-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	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval


Karen Winternheimer
17Nov2023
10:41:00 AM MST
PREPARED BY / DATE


Sam Smith
17Nov2023
10:42:00 AM MST
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Cannabinoids - Colorado Compliance


Test ID: T000261106

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

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.025	0.088	0.88	
Cannabichromenic Acid (CBCA)	0.007	0.023	ND	ND	
Cannabidiol (CBD)	0.023	0.059	1.455	14.55	
Cannabidiolic Acid (CBDA)	0.024	0.060	<LOQ	<LOQ	
Cannabidivarin (CBDV)	0.005	0.014	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.010	0.025	ND	ND	
Cannabigerol (CBG)	0.004	0.014	0.048	0.48	
Cannabigerolic Acid (CBGA)	0.018	0.060	ND	ND	
Cannabinol (CBN)	0.006	0.019	ND	ND	
Cannabinolic Acid (CBNA)	0.012	0.041	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.021	0.071	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.019	0.065	0.101	1.01	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.017	0.057	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.013	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.050	ND	ND	
Total Cannabinoids			1.692	16.92	
Total Potential THC			0.101	1.01	
Total Potential CBD			1.455	14.55	

Final Approval


Sam Smith
20Nov2023
10:12:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
20Nov2023
10:29:00 AM MST
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000261109
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


Brianne Maillot
20Nov2023
09:48:00 AM MST

PREPARED BY / DATE


Brett Hudson
20Nov2023
11:57:00 AM MST

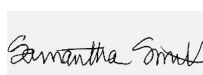
APPROVED BY / DATE

Heavy Metals - Colorado Compliance


Test ID: T000261110
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.30	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.54	ND	
Lead	0.06 - 5.81	ND	

Final Approval


Sam Smith
21Nov2023
01:57:00 PM MST

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Karen Winternheimer
21Nov2023
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<https://results.botanacor.com/api/v1/coas/uuid/8165640a-12fe-47bc-9f29-ab5a3f3a702c>

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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