SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Minni Wanna Gummies
1313 Chestnut Ave
Minneapolis, MN USA 55403

1:1 Mixed Berry Gummies

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 4
BP23341BG	Various	Finished Product	
Reported:	Started:	Received:	
08Jan2024	05Jan2024	04Jan2024	

Mycotoxins - Colorado Compliance

Test ID: T000266586
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	2.84 - 131.94	ND	N/A
Aflatoxin B1	0.92 - 33.92	ND	
Aflatoxin B2	0.99 - 34.22	ND	
Aflatoxin G1	1.09 - 34.18	ND	
Aflatoxin G2	1.06 - 34.28	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval

Sam Smith
08Jan2024
08:42:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
08Jan2024
08:51:00 AM MST
APPROVED BY / DATE

Microbial Contaminants - Colorado Compliance

Test ID: T000266583
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

Brianne Maillot
07Jan2024
01:14:00 PM MST
PREPARED BY / DATE

Brett Hudson
08Jan2024
11:12:00 AM MST
APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000266585
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	91 - 1816	ND	
Butanes (Isobutane, n-Butane)	210 - 4199	ND	
Methanol	72 - 1434	ND	
Pentane	103 - 2069	ND	
Ethanol	103 - 2063	ND	
Acetone	117 - 2344	ND	
Isopropyl Alcohol	119 - 2380	ND	
Hexane	7 - 143	ND	
Ethyl Acetate	120 - 2396	ND	
Benzene	0.2 - 4.7	ND	
Heptanes	118 - 2358	ND	
Toluene	22 - 436	ND	
Xylenes (m,p,o-Xylenes)	155 - 3095	ND	

Final Approval

Karen Winternheimer
09Jan2024
02:16:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
09Jan2024
02:17:00 PM MST
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Pesticides

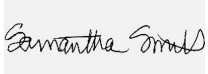
Test ID: T000266582
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	329 - 2655	ND
Acephate	41 - 2715	ND
Acetamiprid	43 - 2673	ND
Azoxystrobin	43 - 2697	ND
Bifenazate	43 - 2691	ND
Boscalid	45 - 2600	ND
Carbaryl	40 - 2722	ND
Carbofuran	41 - 2697	ND
Chlorantraniliprole	49 - 2615	ND
Chlorpyrifos	48 - 2702	ND
Clofentezine	265 - 2734	ND
Diazinon	274 - 2680	ND
Dichlorvos	295 - 2706	ND
Dimethoate	46 - 2650	ND
E-Fenpyroximate	248 - 2807	ND
Etofenprox	43 - 2636	ND
Etoxazole	285 - 2599	ND
Fenoxycarb	41 - 2691	ND
Fipronil	53 - 2694	ND
Flonicamid	54 - 2701	ND
Fludioxonil	294 - 2617	ND
Hexythiazox	41 - 2702	ND
Imazalil	270 - 2704	ND
Imidacloprid	50 - 2717	ND
Kresoxim-methyl	43 - 2673	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	275 - 2667	ND
Metalaxyl	44 - 2676	ND
Methiocarb	48 - 2648	ND
Methomyl	47 - 2702	ND
MGK 264 1	163 - 1625	ND
MGK 264 2	105 - 1081	ND
Myclobutanil	34 - 2630	ND
Naled	44 - 2671	ND
Oxamyl	43 - 2703	ND
Paclobutrazol	39 - 2711	ND
Permethrin	274 - 2694	ND
Phosmet	40 - 2557	ND
Prophos	291 - 2654	ND
Propoxur	40 - 2710	ND
Pyridaben	274 - 2673	ND
Spinosad A	28 - 2077	ND
Spinosad D	59 - 652	ND
Spiromesifen	261 - 2652	ND
Spirotetramat	268 - 2724	ND
Spiroxamine 1	16 - 997	ND
Spiroxamine 2	27 - 1556	ND
Tebuconazole	286 - 2677	ND
Thiacloprid	43 - 2685	ND
Thiamethoxam	42 - 2715	ND
Trifloxystrobin	42 - 2714	ND

Final Approval

Karen Winternheimer
10Jan2024
01:03:00 PM MST
PREPARED BY / DATE



Sam Smith
10Jan2024
01:06:00 PM MST
APPROVED BY / DATE

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Heavy Metals - Colorado Compliance

Test ID: T000266584
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.55	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.61	ND	
Lead	0.04 - 4.14	ND	

Final Approval

Sam Smith
10Jan2024
02:12:00 PM MST
PREPARED BY / DATE

Karen Winternheimer
10Jan2024
02:21:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/eddba402-0f0d-4c8a-8305-3ccc215e451d

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.

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