

Mango Mentality

Batch ID or Lot Number: MM1010202	Test, Test ID and Methods: Various	Matrix: Plant	Page 1 of 4
Reported: 30Oct2024	Started: 27Oct2024	Received: 25Oct2024	

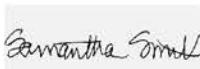
Cannabinoids

Test ID: T0002924

Methods: TM14 (HPLC-DAD)

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.017	0.065	ND	ND	
Cannabichromenic Acid (CBCA)	0.015	0.059	0.210	2.10	
Cannabidiol (CBD)	0.051	0.165	ND	ND	
Cannabidiolic Acid (CBDA)	0.052	0.169	ND	ND	
Cannabidivarin (CBDV)	0.012	0.039	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.022	0.071	ND	ND	
Cannabigerol (CBG)	0.010	0.037	0.060	0.60	
Cannabigerolic Acid (CBGA)	0.040	0.154	0.500	5.00	
Cannabinol (CBN)	0.013	0.048	ND	ND	
Cannabinolic Acid (CBNA)	0.027	0.105	<LOQ	<LOQ	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.048	0.183	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.043	0.167	0.270	2.70	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.039	0.148	23.930	239.30	
Tetrahydrocannabivarin (THCV)	0.009	0.033	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.034	0.130	0.180	1.80	
Total Cannabinoids			25.150	251.50	
Total Potential THC			21.257	212.57	
Total Potential CBD			ND	ND	

Final Approval

 Sam Smith
30Oct2024
02:50:00 PM MDT

PREPARED BY / DATE

 Karen Winternheimer
30Oct2024
02:50:00 PM MDT

APPROVED BY / DATE

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Microbial Contaminants

Test ID: T0002924


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

Final Approval


Nora Langer
31Oct2024
03:35:00 PM MDT

PREPARED BY / DATE


Brett Hudson
31Oct2024
04:26:00 PM MDT

APPROVED BY / DATE

Heavy Metals

Test ID: T000292472

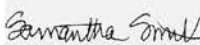
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.34	ND	
Cadmium	0.04 - 4.28	ND	
Mercury	0.05 - 4.52	ND	
Lead	0.05 - 4.74	ND	

Final Approval


Karen Winternheimer
01Nov2024
02:19:00 PM MDT

PREPARED BY / DATE


Sam Smith
01Nov2024
02:24:00 PM MDT

APPROVED BY / DATE

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Pesticides


Test ID: T0002924

Methods: TM16

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	365 - 2608	ND	Malathion	318 - 2693	ND
Acephate	20 - 2685	ND	Metalaxyl	284 - 2752	ND
Acetamiprid	42 - 2680	ND	Methiocarb	42 - 2661	ND
Azoxystrobin	80 - 2721	ND	Methomyl	44 - 2744	ND
Bifenazate	300 - 2753	ND	MGK 264 1	185 - 1590	ND
Boscalid	286 - 2672	ND	MGK 264 2	108 - 1092	ND
Carbaryl	43 - 2700	ND	Myclobutanil	43 - 2617	ND
Carbofuran	44 - 2716	ND	Naled	257 - 2685	ND
Chlorantraniliprole	269 - 2681	ND	Oxamyl	44 - 2740	ND
Chlorpyrifos	293 - 2722	ND	Paclobutrazol	47 - 2691	ND
Clofentezine	281 - 2763	ND	Permethrin	246 - 2761	ND
Diazinon	289 - 2717	ND	Phosmet	287 - 2621	ND
Dichlorvos	154 - 2604	ND	Prophos	278 - 2674	ND
Dimethoate	43 - 2712	ND	Propoxur	41 - 2711	ND
E-Fenpyroximate	291 - 2756	ND	Pyridaben	45 - 2791	ND
Etofenprox	42 - 2755	ND	Spinosad A	33 - 2097	ND
Etoxazole	41 - 2687	ND	Spinosad D	9 - 673	ND
Fenoxycarb	111 - 2656	ND	Spiromesifen	49 - 2760	ND
Fipronil	297 - 2700	ND	Spirotetramat	296 - 2808	ND
Flonicamid	51 - 2778	ND	Spiroxamine 1	18 - 1003	ND
Fludioxonil	282 - 2628	ND	Spiroxamine 2	24 - 1590	ND
Hexythiazox	290 - 2770	ND	Tebuconazole	304 - 2750	ND
Imazalil	36 - 2780	ND	Thiacloprid	46 - 2738	ND
Imidacloprid	44 - 2713	ND	Thiamethoxam	43 - 2711	ND
Kresoxim-methyl	270 - 2821	ND	Trifloxystrobin	44 - 2740	ND

Final Approval


Sam Smith
06Nov2024
09:18:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
06Nov2024
09:23:00 AM MST
APPROVED BY / DATE

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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 \times (0.877)) and Total CBD = CBD + (CBDa \times (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 \times (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.

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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