

Prepared for:
Crested River Cannabis Company

79 Vernon Ave
Morgan, MN USA 56266

Majestic Mints

Batch ID or Lot Number: 230816.1	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 4
Reported: 23Aug2023	Started: 22Aug2023	Received: 21Aug2023	


Cannabinoids

Test ID: T000252915


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.025	0.055	<LOQ	<LOQ	# of Servings = 1, Sample Weight=0.921g
Cannabichromenic Acid (CBCA)	0.023	0.051	ND	ND	
Cannabidiol (CBD)	0.069	0.148	5.850	6.40	
Cannabidiolic Acid (CBDA)	0.071	0.151	ND	ND	
Cannabidivarin (CBDV)	0.016	0.035	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.029	0.063	ND	ND	
Cannabigerol (CBG)	0.014	0.031	0.260	0.30	
Cannabigerolic Acid (CBGA)	0.060	0.131	ND	ND	
Cannabinol (CBN)	0.019	0.041	0.320	0.30	
Cannabinolic Acid (CBNA)	0.041	0.090	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.071	0.157	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.065	0.142	2.47	2.68	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.057	0.126	ND	ND	
Tetrahydrocannabivarin (THCV)	0.013	0.029	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.051	0.111	ND	ND	
Total Cannabinoids			8.900	9.66	
Total Potential THC			2.47	2.68	
Total Potential CBD			5.850	6.40	

Final Approval

 Karen Winternheimer
25Aug2023
01:04:00 PM MDT

PREPARED BY / DATE

 Sam Smith
25Aug2023
01:06:00 PM MDT

APPROVED BY / DATE

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 Accredited by A2LA. 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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Residual Solvents


Test ID: T000252919

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	100 - 2004	ND	
Butanes (Isobutane, n-Butane)	202 - 4036	ND	
Methanol	61 - 1226	ND	
Pentane	102 - 2044	ND	
Ethanol	98 - 1961	ND	
Acetone	102 - 2031	ND	
Isopropyl Alcohol	102 - 2041	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	102 - 2033	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	102 - 2042	ND	
Toluene	18 - 360	ND	
Xylenes (m,p,o-Xylenes)	128 - 2568	ND	

Final Approval


Karen Winternheimer
23Aug2023
07:15:00 AM MDT
PREPARED BY / DATE


Sam Smith
23Aug2023
07:18:00 AM MDT
APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000252917

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

Final Approval


 Brianne Maillot
 24Aug2023
 09:19:00 AM MDT
 PREPARED BY / DATE


 Eden Thompson-Wright
 24Aug2023
 10:24:00 AM MDT
 APPROVED BY / DATE

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Pesticides


Test ID: T000252916


Methods: TM17

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	318 - 2804	ND	Malathion	295 - 2768	ND
Acephate	42 - 2796	ND	Metalaxyl	44 - 2762	ND
Acetamiprid	39 - 2761	ND	Methiocarb	40 - 2750	ND
Azoxystrobin	45 - 2757	ND	Methomyl	38 - 2794	ND
Bifenazate	41 - 2787	ND	MGK 264 1	160 - 1685	ND
Boscalid	41 - 2726	ND	MGK 264 2	117 - 1087	ND
Carbaryl	41 - 2734	ND	Myclobutanil	42 - 2763	ND
Carbofuran	43 - 2714	ND	Naled	45 - 2719	ND
Chlorantraniliprole	46 - 2756	ND	Oxamyl	41 - 2788	ND
Chlorpyrifos	43 - 2784	ND	Paclobutrazol	49 - 2716	ND
Clofentezine	273 - 2792	ND	Permethrin	287 - 2719	ND
Diazinon	284 - 2761	ND	Phosmet	46 - 2757	ND
Dichlorvos	271 - 2827	ND	Prophos	299 - 2738	ND
Dimethoate	40 - 2760	ND	Propoxur	41 - 2706	ND
E-Fenpyroximate	283 - 2744	ND	Pyridaben	287 - 2730	ND
Etofenprox	43 - 2724	ND	Spinosad A	31 - 2067	ND
Etoxazole	288 - 2737	ND	Spinosad D	64 - 673	ND
Fenoxycarb	46 - 2776	ND	Spiromesifen	271 - 2716	ND
Fipronil	53 - 2758	ND	Spirotetramat	271 - 2804	ND
Flonicamid	47 - 2821	ND	Spiroxamine 1	17 - 1216	ND
Fludioxonil	298 - 2806	ND	Spiroxamine 2	23 - 1540	ND
Hexythiazox	46 - 2748	ND	Tebuconazole	270 - 2836	ND
Imazalil	270 - 2792	ND	Thiacloprid	40 - 2747	ND
Imidacloprid	48 - 2807	ND	Thiamethoxam	40 - 2781	ND
Kresoxim-methyl	41 - 2760	ND	Trifloxystrobin	44 - 2708	ND

Final Approval

 Karen Winternheimer
25Aug2023
10:22:00 AM MDT
PREPARED BY / DATE

 Sam Smith
25Aug2023
10:24:00 AM MDT
APPROVED BY / DATE