

Prepared for:
SUPERIOR MOLECULAR LLC

4459 WHITE BEAR PKWY
WHITE BEAR LAKE, MN USA 55110

Simply Crafted Watermelon D9 01/11/2024

Batch ID or Lot Number: SCWM.D9.011124	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: 18Jan2024	Started: 18Jan2024	Received: 17Jan2024	


Heavy Metals

Test ID: T000267907


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.51	ND	
Cadmium	0.05 - 4.59	ND	
Mercury	0.05 - 4.59	ND	
Lead	0.05 - 4.65	ND	

Final Approval


Sam Smith
18Jan2024
02:49:00 PM MST

PREPARED BY / DATE


Karen Winternheimer
18Jan2024
03:01:00 PM MST

APPROVED BY / DATE


Cannabinoids

Test ID: T000267904

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.370	0.993	ND	ND	# of Servings = 1, Sample Weight=4g
Cannabichromenic Acid (CBCA)	0.338	0.909	ND	ND	
Cannabidiol (CBD)	1.125	2.871	ND	ND	
Cannabidiolic Acid (CBDA)	1.154	2.944	ND	ND	
Cannabidivarin (CBDV)	0.266	0.679	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.481	1.228	ND	ND	
Cannabigerol (CBG)	0.210	0.564	ND	ND	
Cannabigerolic Acid (CBGA)	0.877	2.358	ND	ND	
Cannabinol (CBN)	0.274	0.736	ND	ND	
Cannabinolic Acid (CBNA)	0.599	1.609	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.045	2.809	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.949	2.551	5.570	1.40	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.841	2.260	ND	ND	
Tetrahydrocannabivarin (THCV)	0.191	0.513	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.742	1.994	ND	ND	
Total Cannabinoids			5.570	1.40	
Total Potential THC			5.570	1.40	
Total Potential CBD			ND	ND	

Final Approval


Karen Winternheimer
19Jan2024
01:29:00 PM MST

PREPARED BY / DATE


Sam Smith
19Jan2024
01:30:00 PM MST

APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000267906

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



Brett Hudson
21Jan2024
01:02:00 PM MST

PREPARED BY / DATE



Eden Thompson-Wright
22Jan2024
10:18:00 AM MST

APPROVED BY / DATE

Prepared for:
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Residual Solvents


Test ID: T000267908

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	69 - 1376	ND	
Butanes (Isobutane, n-Butane)	153 - 3054	ND	
Methanol	57 - 1133	ND	
Pentane	78 - 1558	ND	
Ethanol	85 - 1694	ND	
Acetone	90 - 1805	ND	
Isopropyl Alcohol	88 - 1761	ND	
Hexane	6 - 116	ND	
Ethyl Acetate	96 - 1923	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	91 - 1817	ND	
Toluene	17 - 350	ND	
Xylenes (m,p,o-Xylenes)	123 - 2462	ND	

Final Approval


PREPARED BY / DATE
Sam Smith
22Jan2024
12:47:00 PM MST


APPROVED BY / DATE
Karen Winternheimer
22Jan2024
12:49:00 PM MST

Prepared for:
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Pesticides


Test ID: T000267905

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	278 - 2656	ND		Malathion	287 - 2674	ND
Acephate	43 - 2744	ND		Metalaxyl	42 - 2689	ND
Acetamiprid	44 - 2697	ND		Methiocarb	45 - 2718	ND
Azoxystrobin	45 - 2680	ND		Methomyl	43 - 2771	ND
Bifenazate	38 - 2657	ND		MGK 264 1	159 - 1614	ND
Boscalid	53 - 2709	ND		MGK 264 2	114 - 1090	ND
Carbaryl	41 - 2679	ND		Myclobutanil	64 - 2706	ND
Carbofuran	44 - 2697	ND		Naled	45 - 2654	ND
Chlorantraniliprole	55 - 2700	ND		Oxamyl	43 - 2759	ND
Chlorpyrifos	48 - 2745	ND		Paclobutrazol	45 - 2710	ND
Clofentezine	282 - 2696	ND		Permethrin	279 - 2735	ND
Diazinon	277 - 2699	ND		Phosmet	37 - 2583	ND
Dichlorvos	281 - 2763	ND		Prophos	279 - 2711	ND
Dimethoate	42 - 2722	ND		Propoxur	44 - 2704	ND
E-Fenpyroximate	244 - 2799	ND		Pyridaben	293 - 2727	ND
Etofenprox	44 - 2722	ND		Spinosad A	35 - 2081	ND
Etoxazole	281 - 2664	ND		Spinosad D	66 - 670	ND
Fenoxycarb	34 - 2690	ND		Spiromesifen	274 - 2709	ND
Fipronil	38 - 2737	ND		Spirotetramat	277 - 2760	ND
Flonicamid	49 - 2702	ND		Spiroxamine 1	17 - 1003	ND
Fludioxonil	285 - 2671	ND		Spiroxamine 2	24 - 1617	ND
Hexythiazox	43 - 2741	ND		Tebuconazole	279 - 2705	ND
Imazalil	276 - 2723	ND		Thiacloprid	44 - 2715	ND
Imidacloprid	43 - 2781	ND		Thiamethoxam	45 - 2748	ND
Kresoxim-methyl	43 - 2720	ND		Trifloxystrobin	46 - 2705	ND

Final Approval

 Karen Winternheimer
25Jan2024
11:26:00 AM MST
PREPARED BY / DATE

 Sam Smith
25Jan2024
11:27:00 AM MST
APPROVED BY / DATE

Prepared for:

SUPERIOR MOLECULAR LLC

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<https://results.botanacor.com/api/v1/coas/uuid/d567f63f-82fb-4051-81a1-9d793daff307>

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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