

Prepared for:  
**SUPERIOR MOLECULAR LLC**

4459 WHITE BEAR PKWY  
WHITE BEAR LAKE, MN USA 55110

## Trail Magic Half & Half RETEST 04/09/2024

Batch ID or Lot Number: <b>TMHH.D9.040924</b>	Test: <b>Potency</b>	Reported: <b>30Apr2024</b>	USDA License: N/A
Matrix: Unit	Test ID: T000279266	Started: 30Apr2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 30Apr2024	Status: N/A

### Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.316	1.037	ND	ND	# of Servings = 1, Sample Weight=4g
Cannabichromenic Acid (CBCA)	0.289	0.949	ND	ND	
Cannabidiol (CBD)	0.908	2.627	ND	ND	
Cannabidiolic Acid (CBDA)	0.932	2.694	ND	ND	
Cannabidivarin (CBDV)	0.215	0.621	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.389	1.124	ND	ND	
Cannabigerol (CBG)	0.180	0.589	ND	ND	
Cannabigerolic Acid (CBGA)	0.750	2.462	ND	ND	
Cannabinol (CBN)	0.234	0.768	ND	ND	
Cannabinolic Acid (CBNA)	0.512	1.680	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.894	2.934	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.812	2.664	5.490	1.40	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.719	2.361	ND	ND	
Tetrahydrocannabivarin (THCV)	0.163	0.536	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.635	2.082	ND	ND	
<b>Total Cannabinoids</b>			<b>5.490</b>	<b>1.40</b>	
Total Potential THC			5.490	1.40	
Total Potential CBD			ND	ND	

### Final Approval



Karen Winternheimer  
30Apr2024  
01:46:00 PM MDT

PREPARED BY / DATE



Phillip Travisano  
30Apr2024  
01:47:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/53678f65-b481-4f07-a1f8-b2c545fb5bcf>

#### Definitions

% = % (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)).

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.



Cert #4329.02

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4459 WHITE BEAR PKWY  
WHITE BEAR LAKE, MN USA 55110

## Trail Magic Half & Half D9 04/09/24

Batch ID or Lot Number: <b>TMHH.D9.040924</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 2 of 4
Reported: <b>22Apr2024</b>	Started: 22Apr2024	Received: 22Apr2024	


### Pesticides

Test ID: T000278306

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	324 - 2730	ND		Malathion	312 - 2753	ND
Acephate	44 - 2772	ND		Metalaxyl	44 - 2747	ND
Acetamiprid	42 - 2701	ND		Methiocarb	45 - 2722	ND
Azoxystrobin	44 - 2758	ND		Methomyl	43 - 2755	ND
Bifenazate	45 - 2748	ND		MGK 264 1	171 - 1628	ND
Boscalid	42 - 2714	ND		MGK 264 2	115 - 1080	ND
Carbaryl	40 - 2735	ND		Myclobutanil	44 - 2722	ND
Carbofuran	42 - 2729	ND		Naled	42 - 2695	ND
Chlorantraniliprole	44 - 2726	ND		Oxamyl	43 - 2751	ND
Chlorpyrifos	48 - 2796	ND		Paclobutrazol	45 - 2748	ND
Clofentezine	270 - 2794	ND		Permethrin	287 - 2854	ND
Diazinon	306 - 2749	ND		Phosmet	43 - 2616	ND
Dichlorvos	287 - 2725	ND		Prophos	295 - 2691	ND
Dimethoate	41 - 2699	ND		Propoxur	43 - 2744	ND
E-Fenpyroximate	283 - 2830	ND		Pyridaben	295 - 2795	ND
Etofenprox	42 - 2778	ND		Spinosad A	31 - 2108	ND
Etoxazole	291 - 2705	ND		Spinosad D	68 - 680	ND
Fenoxycarb	26 - 2883	ND		Spiromesifen	290 - 2782	ND
Fipronil	33 - 2804	ND		Spirotetramat	283 - 2841	ND
Flonicamid	46 - 2781	ND		Spiroxamine 1	17 - 1012	ND
Fludioxonil	287 - 2662	ND		Spiroxamine 2	25 - 1593	ND
Hexythiazox	40 - 2808	ND		Tebuconazole	310 - 2717	ND
Imazalil	284 - 2753	ND		Thiacloprid	43 - 2733	ND
Imidacloprid	47 - 2776	ND		Thiamethoxam	39 - 2776	ND
Kresoxim-methyl	42 - 2806	ND		Trifloxystrobin	45 - 2758	ND

### Final Approval

  
Karen Winternheimer  
24Apr2024  
01:05:00 PM MDT  
PREPARED BY / DATE

  
Phillip Travisano  
24Apr2024  
01:07:00 PM MDT  
APPROVED BY / DATE

Prepared for:  
**SUPERIOR MOLECULAR LLC**

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## Trail Magic Half & Half D9 04/09/24

Batch ID or Lot Number: <b>TMHH.D9.040924</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 3 of 4
Reported: <b>22Apr2024</b>	Started: 22Apr2024	Received: 22Apr2024	


### Residual Solvents

Test ID: T000278309

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	72 - 1446	ND	
Butanes (Isobutane, n-Butane)	153 - 3062	ND	
Methanol	58 - 1163	ND	
Pentane	78 - 1557	ND	
Ethanol	83 - 1657	ND	
Acetone	91 - 1818	ND	
Isopropyl Alcohol	96 - 1912	ND	
Hexane	6 - 112	ND	
Ethyl Acetate	93 - 1853	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	86 - 1728	ND	
Toluene	17 - 332	ND	
Xylenes (m,p,o-Xylenes)	117 - 2338	ND	

### Final Approval

  
Karen Winterheimer  
25Apr2024  
08:45:00 AM MDT  
PREPARED BY / DATE

  
Phillip Travisano  
25Apr2024  
08:46:00 AM MDT  
APPROVED BY / DATE


### Heavy Metals

Test ID: T000278308

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.79	ND	
Cadmium	0.05 - 4.78	ND	
Mercury	0.05 - 4.69	ND	
Lead	0.05 - 4.75	ND	

### Final Approval

  
Karen Winterheimer  
25Apr2024  
04:13:00 PM MDT  
PREPARED BY / DATE

  
Colin Hendrickson  
25Apr2024  
04:19:00 PM MDT  
APPROVED BY / DATE

Prepared for:

**SUPERIOR MOLECULAR LLC**

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## Trail Magic Half & Half D9 04/09/24

Batch ID or Lot Number: <b>TMHH.D9.040924</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 4 of 4
Reported: <b>22Apr2024</b>	Started: 22Apr2024	Received: 22Apr2024	

## Microbial Contaminants

Test ID: T000278307

Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	<LLOQ	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

## Final Approval



Brett Hudson  
26Apr2024  
10:59:00 AM MDT



Brianne Maillot  
26Apr2024  
01:09:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2c7d18af-2f2a-41ff-ba72-1f77e18ec5a4>

## 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU.

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