

Prepared for:  
**MOUNTAIN PURE LLC**  
 496 E 1750 N Unit E  
 Vineyard, UT USA 84058

**Mons Pura Natural Tincture**

Batch ID or Lot Number: <b>NAT002073022</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 5
Reported: <b>08Aug2022</b>	Started: 04Aug2022	Received: 03Aug2022	


**Cannabinoids**


Test ID: T000216440

Methods: TM14 (HPLC-DAD)

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.005	0.017	0.320	3.20	
Cannabichromenic Acid (CBCA)	0.004	0.015	ND	ND	
Cannabidiol (CBD)	0.015	0.044	7.790	77.90	
Cannabidiolic Acid (CBDA)	0.015	0.045	ND	ND	
Cannabidivarin (CBDV)	0.004	0.010	0.020	0.20	
Cannabidivarinic Acid (CBDVA)	0.006	0.019	ND	ND	
Cannabigerol (CBG)	0.003	0.009	0.130	1.30	
Cannabigerolic Acid (CBGA)	0.012	0.039	ND	ND	
Cannabinol (CBN)	0.004	0.012	0.040	0.40	
Cannabinolic Acid (CBNA)	0.008	0.027	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.014	0.047	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.013	0.042	0.180	1.80	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.011	0.038	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.009	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.010	0.033	ND	ND	
<b>Total Cannabinoids</b>			<b>8.480</b>	<b>84.80</b>	
Total Potential THC			0.180	1.80	
Total Potential CBD			7.790	77.90	

**Final Approval**

  
 Sam Smith  
 08Aug2022  
 04:28:00 PM MDT  
 PREPARED BY / DATE

  
 Daniel Weidensaul  
 08Aug2022  
 04:32:00 PM MDT  
 APPROVED BY / DATE

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**MOUNTAIN PURE LLC**496 E 1750 N Unit E  
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**Microbial  
Contaminants**

Test ID: T000216442

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

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/g	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>	None Detected	
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**  
Brianne Maillot  
07Aug2022  
11:13:00 AM MDT  
PREPARED BY / DATE  
Eden Thompson-Wright  
08Aug2022  
09:44:00 AM MDT  
APPROVED BY / DATE

Prepared for:

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**Residual Solvents**

Test ID: T000216444

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	80 - 1606	ND	
Butanes (Isobutane, n-Butane)	171 - 3423	ND	
Methanol	62 - 1231	ND	
Pentane	95 - 1907	ND	
Ethanol	91 - 1819	661	
Acetone	98 - 1956	ND	
Isopropyl Alcohol	97 - 1936	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	100 - 1994	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	102 - 2037	ND	
Toluene	18 - 358	ND	
Xylenes (m,p,o-Xylenes)	131 - 2613	ND	

**Final Approval**  
PREPARED BY / DATE  
Sam Smith  
08Aug2022  
04:36:00 PM MDT  
APPROVED BY / DATE  
Jacob Miller  
08Aug2022  
04:38:00 PM MDT

Prepared for:  
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 Vineyard, UT USA 84058

**Mons Pura Natural Tincture**


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**Pesticides**

Test ID: T000216441  
 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	280 - 2582	ND		Malathion	296 - 2728	ND
Acephate	42 - 2840	ND		Metalaxyl	43 - 2742	ND
Acetamiprid	41 - 2814	ND		Methiocarb	41 - 2721	ND
Azoxystrobin	41 - 2733	ND		Methomyl	42 - 2836	ND
Bifenazate	42 - 2722	ND		MGK 264 1	160 - 1584	ND
Boscalid	42 - 2764	ND		MGK 264 2	117 - 1108	ND
Carbaryl	40 - 2700	ND		Myclobutanil	44 - 2732	ND
Carbofuran	40 - 2696	ND		Naled	44 - 2693	ND
Chlorantraniliprole	50 - 2665	ND		Oxamyl	40 - 2835	ND
Chlorpyrifos	53 - 2782	ND		Paclobutrazol	44 - 2712	ND
Clofentezine	291 - 2839	ND		Permethrin	292 - 2763	ND
Diazinon	279 - 2778	ND		Phosmet	39 - 2706	ND
Dichlorvos	269 - 2884	ND		Prophos	300 - 2798	ND
Dimethoate	42 - 2843	ND		Propoxur	41 - 2706	ND
E-Fenpyroximate	288 - 2691	ND		Pyridaben	292 - 2702	ND
Etofenprox	43 - 2706	ND		Spinosad A	35 - 2196	ND
Etoxazole	290 - 2696	ND		Spinosad D	54 - 481	ND
Fenoxycarb	42 - 2719	ND		Spiromesifen	272 - 2714	ND
Fipronil	54 - 2671	ND		Spirotetramat	287 - 2677	ND
Flonicamid	49 - 2836	ND		Spiroxamine 1	19 - 1151	ND
Fludioxonil	303 - 2785	ND		Spiroxamine 2	24 - 1547	ND
Hexythiazox	43 - 2703	ND		Tebuconazole	282 - 2753	ND
Imazalil	279 - 2761	ND		Thiacloprid	40 - 2816	ND
Imidacloprid	44 - 2814	ND		Thiamethoxam	42 - 2835	ND
Kresoxim-methyl	49 - 2789	ND		Trifloxystrobin	43 - 2741	ND

**Final Approval**

  
 Daniel Weidensaul  
 09Aug2022  
 01:38:00 PM MDT  
 PREPARED BY / DATE

  
 Karen Winternheimer  
 09Aug2022  
 01:39:00 PM MDT  
 APPROVED BY / DATE

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**Heavy Metals**


Test ID: T000216443

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.49	ND	
Cadmium	0.04 - 4.42	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.04 - 4.48	ND	

**Final Approval**  
Samantha Smith  
09Aug2022  
01:45:00 PM MDT

PREPARED BY / DATE

  
Daniel Weidensaul  
09Aug2022  
01:47:00 PM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/4a38fdde-26e4-40d6-ae1f-f3dfa91a6b0c>**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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. 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](#).

Cert #4329.02  
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