



# Certificate of Analysis



## Mellowment

104 Country Side Lane  
Telford, PA 18969  
anthony@dvaltmed.com  
(774) 222-8866  
Lic. #

## Sample: 1907QLS0125.1069

Strain: MLCU-0000001  
Batch#: MLCU-0000001; Batch Size: g  
Sample Received: 07/11/2019; Report Created: 07/19/2019  
Sampled by: GG, 07/10/2019 4:00pm; Client Rep: RB  
Sample Storage Environment: Ambient

## MLCU-0000001

Ingestible, Capsule, Other  
Harvest Process Lot: MLCU-0000001; METRC Batch: MLCU-0000001; METRC Sample: MLCU-0000001



## Summary

<b>Complete</b> Cannabinoids	<b>Complete</b> Terpenes	<b>Pass</b> Pesticides	<b>Pass</b> Solvents	<b>Pass</b> Microbials
<b>Not Tested</b> Moisture	<b>Not Tested</b> Water Activity	<b>Pass</b> Heavy Metals	<b>Not Tested</b> Foreign Matter	<b>Pass</b> Mycotoxins

5330 Spectrum Drive  
Frederick, MD  
(844) 678-2537  
<http://www.quales.us>  
Lic# L-17-00004

Xianguang Wang  
Lab Director

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SAMPLING PROTOCOL : QL-ATP-0009. This product has been tested by Quales, LLC using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Quales, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Quales, LLC.



# Steep Hill Maryland

**Customer:** Mellowment  
**Item Name:** Meln  
**Item Description:** CBD Capsules

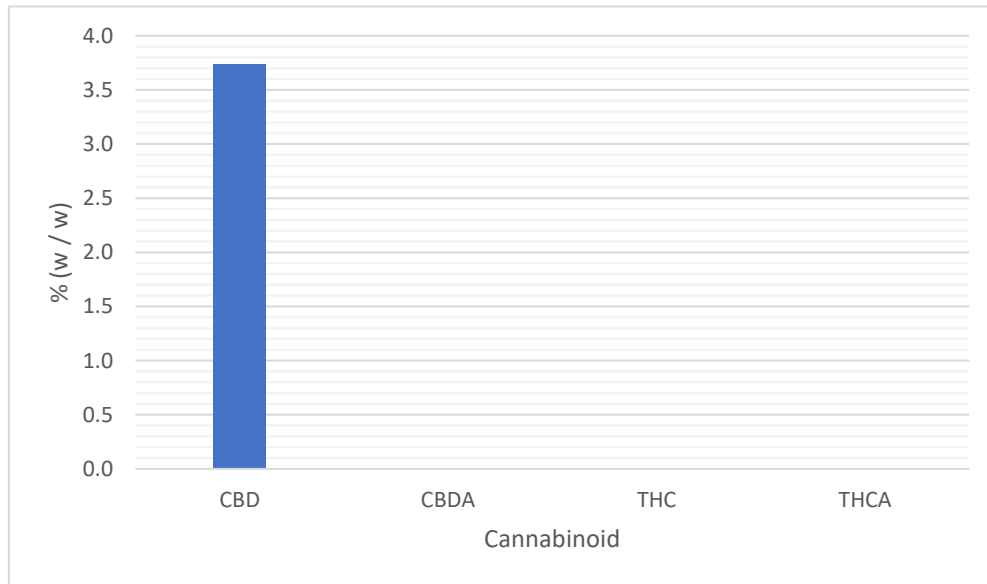
**Report Date:** 9/5/2019  
**Sample #:** MM003  
**Lot #:** N/A

**THC Limit Pass\*:** Yes


**Total mg CBD/unit:** 21.14

Cannabinoid	% (w / w)	mg / g	mg / mL	mg / unit
CBDV	n.d.	0.26	N/A	0.15
THCV	n.d.	0.00	N/A	0.00
CBD	3.74	37.37	N/A	21.14
CBG	n.d.	0.00	N/A	0.00
CBDA	n.d.	0.00	N/A	0.00
CBGA	n.d.	0.00	N/A	0.00
CBN	n.d.	0.00	N/A	0.00
D-9-THC	n.d.	0.00	N/A	0.00
D-8-THC	n.d.	0.00	N/A	0.00
CBC	n.d.	0.01	N/A	0.01
THCA	n.d.	0.00	N/A	0.00
<b>Total Cannabinoids</b>	<b>3.76</b>	<b>37.64</b>	<b>N/A</b>	<b>21.29</b>

	% (w / w)	mg / g	Equation
Raw THC Potency	0.00	0.00	[THC] + [THCA]
Decarb THC Potency	0.00	0.00	[THC]+[0.877*THCA]
Raw CBD Potency	3.74	37.37	[CBD] + [CBDA]
Decarb CBD Potency	3.74	37.37	[CBD]+[0.877*CBDA]



\* Defined as <0.3% (Farm Bill 2014)

  
 Lab Director, Steep Hill MD



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### MLCU-0000001

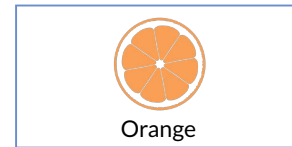
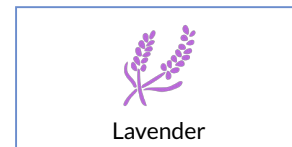
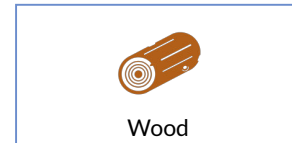
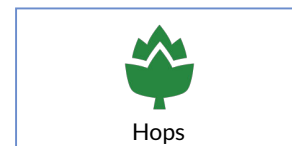
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## Terpenes

Analyte	LOQ	Results	Results
	mg/g	mg/g	PPM
β-Caryophyllene	0.0200	437.3830	437383.0000
α-Humulene	0.0200	58.3432	58343.2400
Caryophyllene Oxide	0.0200	10.9161	10916.0800
Linalool	0.0200	4.8237	4823.6860
δ-Limonene	0.0200	4.5354	4535.4240
Terpinolene	0.0200	2.3631	2363.1000
(-)-Guaiol	0.0200	2.3493	2349.3440
(-)-α-Bisabolol	0.0200	2.0880	2088.0130
p-Cymene	0.0200	1.8008	1800.7600
Eucalyptol	0.0200	1.3183	1318.3210
Geraniol	0.0200	1.1382	1138.2000
(-)-Isopulegol	0.0200	0.5623	562.2625
(-) -β-Pinene	0.0200	0.3552	355.2228
Ocimene	0.0200	0.3301	330.1456
β-Myrcene	0.0200	0.3219	321.8547
α-Pinene	0.0200	0.3078	307.8239
Camphene	0.0200	0.3043	304.2583
α-Terpinene	0.0200	0.3020	301.9865
δ-3-Carene	0.0200	0.2977	297.6699
γ-Terpinene	0.0200	0.2764	276.4068
cis-Nerolidol	0.0200	0.2355	235.5263
trans-Nerolidol	0.0200	ND	ND
<b>Total</b>		<b>530.3523</b>	<b>530352.3253</b>

## Primary Aromas



**530.3523 mg/g**  
Total Terpenes

Notes: Per Capsule : 0.58mg

Date Tested: 07/12/2019  
TEST METHOD : QL-ATP-0026||LOQ = Limit of Quantitation; LOQ values based on 20 PPM. The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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## Pesticides

Analyte	LOQ	Results	Status	Analyte	LOQ	Results	Status
	PPM	PPM			PPM	PPM	
Abamectin	0.5000	<LOQ	Pass	Flurprimidol	0.2000	<LOQ	Pass
Acetamiprid	0.2000	<LOQ	Pass	Hexythiazox	1.0000	<LOQ	Pass
Aldicarb	0.4000	<LOQ	Pass	Imazalil	0.2000	<LOQ	Pass
Ancymidol	0.2000	<LOQ	Pass	Imidacloprid	0.4000	<LOQ	Pass
Azoxystrobin	0.2000	<LOQ	Pass	Kresoxim Methyl	0.4000	<LOQ	Pass
Bifenazate	0.2000	<LOQ	Pass	Malathion	0.2000	<LOQ	Pass
Bifenthrin	0.2000	<LOQ	Pass	Metaxyl	0.2000	<LOQ	Pass
Boscalid	0.4000	<LOQ	Pass	Methiocarb	0.4000	<LOQ	Pass
Carbaryl	0.2000	<LOQ	Pass	Methomyl	0.4000	<LOQ	Pass
Carbofuran	0.2000	<LOQ	Pass	Myclobutanil	0.2000	<LOQ	Pass
Chlorantraniliprole	0.2000	<LOQ	Pass	Naled	0.5000	<LOQ	Pass
Chlorpyrifos	0.2000	<LOQ	Pass	Oxamyl	1.0000	<LOQ	Pass
Clofentezine	0.2000	<LOQ	Pass	Paclotrazol	0.4000	<LOQ	Pass
Cyfluthrin	1.0000	<LOQ	Pass	Permethrin	0.5000	<LOQ	Pass
Daminozide	1.0000	<LOQ	Pass	Phosmet	0.2000	<LOQ	Pass
DDVP	0.1000	<LOQ	Pass	Piperonyl Butoxide	1.0000	<LOQ	Pass
Diazinon	0.2000	<LOQ	Pass	Propiconazole	0.4000	<LOQ	Pass
Dimethoate	0.2000	<LOQ	Pass	Pyrethrins	1.0000	<LOQ	Pass
Ethephon	1.0000	<LOQ	Pass	Spinosad	0.2000	<LOQ	Pass
Etoxazole	0.2000	<LOQ	Pass	Spiromesifen	0.2000	<LOQ	Pass
Fenpyroximate	0.5000	<LOQ	Pass	Spirotetramat	0.2000	<LOQ	Pass
Fipronil	0.4000	<LOQ	Pass	Thiacloprid	0.2000	<LOQ	Pass
Flonicamid	1.0000	<LOQ	Pass	Thiamethoxam	0.2000	<LOQ	Pass
Fludioxonil	0.4000	<LOQ	Pass	Trifloxystrobin	0.2000	<LOQ	Pass

Date Tested: 07/12/2019  
TEST METHOD :QL-ATP-0021||LOQ = Limit of Quantitation; LOQ values based on 1 gram. The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

## Residual Solvents

Analyte	LOQ	Limit	Results	Status	Analyte	LOQ	Limit	Results	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Benzene		2.0000	ND	Pass	Hexanes		290.0000	ND	Pass
Butanes		5000.0000	ND	Pass	Propane		5000.0000	ND	Pass
Ethanol		5000.0000	875.1889	Pass	Toluene		890.0000	ND	Pass
Heptanes		5000.0000	ND	Pass	Xylenes		2170.0000	ND	Pass

Date Tested: 07/15/2019  
TEST METHOD :QL-ATP-0027||LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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