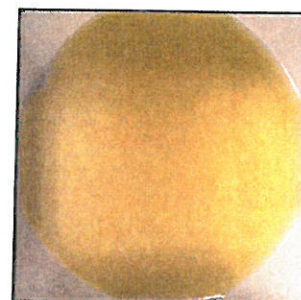




CV SCIENCES™

Certificate of Analysis  
July 27, 2020

**Sample ID:** FP-20-0483  
**Product name:** Happy Lane Liquid - Peppermint Magic - 1pk and 6pk  
**Batch/Lot#:** 09462178  
**Strength:** 1 fl. oz 300mg - 10mg per serving (0.9g)  
**Expiration:** 06/22  
**Analyst:** HP



**Physical properties**

**Result**

**Method**

Appearance	Pass	Organoleptic
Color	Pass	Organoleptic
Aroma	Pass	Organoleptic

Cannabinoid:	mg:	Method:
CBD	332.36	HPLC
CBDV	1.58	HPLC
CBDA	ND	HPLC
CBG	0.93	HPLC
CBGA	11.00	HPLC
CBC	ND	HPLC
CBN	ND	HPLC
Δ <sup>9</sup> -THC	ND	HPLC
THCA	ND	HPLC
<b>Total cannabinoids:</b>	<b>345.9 mg</b>	
<b>Sample size:</b>	<b>27.00 g</b>	
<b>THC by mass:</b>	<b>&lt;0.00 %</b>	
<b>CBD per serving:</b>	<b>11.08 mg</b>	

ND = NOT DETECTED

*Hayley Palmer*

JUL 27 2020

*Vandana Kothari*

JUL 27 2020

Analyst  
Hayley Palmer, B.S.  
QC Lab Assistant

Date

Reviewed By  
Vandana Kothari, M.S., B.Pharm.  
QC Supervisor

Date

This Certificate of Analysis has been generated to document product test results. The "Reviewed By" signature does not indicate finished product release for distribution.



# Certificate of Analysis

CV Sciences, Inc.

2688 South Rainbow Blvd.

Las Vegas, NV 89146

Dalia Chandler

Sample

2007DBL0195.6791

Batch FP-20-0483

Lot 9462178

Ordered 7/17/2020

Completed 7/27/2020

Happy Lane Liquid - 10mg Peppermint Magic 1 fl. oz 300mg EXP: 06/22

## Cannabinoids

<b>306.40</b>	<b>1.13</b>	<b>27</b>
Total CBD (mg/unit)	% Total CBD	Unit weight (g)
Cannabinoid	LOQ %	Mass %
		Mass mg/g
		Concentration
CBD	0.05	1.13
CBDVA	0.05	<LOQ
CBDA	0.05	<LOQ
d9-THC	0.05	<LOQ
THCA-A	0.05	<LOQ
d8-THC	0.05	<LOQ
THCV	0.05	<LOQ
CBDV	0.05	<LOQ
CBGA	0.05	<LOQ
CBG	0.05	<LOQ
CBN	0.05	<LOQ
CBC	0.05	<LOQ
CBL	0.05	<LOQ

## Pesticides/Plant Growth Regulators

Pesticides	Status	Sample (PPB)	LOQ (PPB)
Acequinocyl	PASS	<LOQ	10
Abamectin	PASS	<LOQ	10
Bifenazate	PASS	<LOQ	10
Fenoxycarb	PASS	<LOQ	10
Fludioxonil	PASS	<LOQ	10
Imidacloprid	PASS	<LOQ	10
Myclobutanil	PASS	<LOQ	10
Pyrethrin	PASS	<LOQ	10
Spinosad	PASS	<LOQ	10
Spiromesifen	PASS	<LOQ	10
Spirotetramat	PASS	<LOQ	10
Plant Growth Regulators			
Daminozide	PASS	<LOQ	10

## Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	100	10,000
Enterobacteriaceae	PASS	<LOQ	100	1,000
Aerobic Bacteria	PASS	<LOQ	1000	100,000
Coliforms	PASS	<LOQ	100	1,000
Qualitative Analysis		Detected or Not-detected		
E. Coli	PASS		Not-detected	
Salmonella	PASS		Not-detected	
Pseudomonas	PASS		Not-detected	

## Heavy Metals

Compound	Status	Sample	LOQ	Limit
	Pass/Fail	PPB	PPB	PPB
Arsenic	PASS	<LOQ	43	2000
Cadmium	PASS	<LOQ	43	820
Mercury	PASS	<LOQ	43	400
Lead	PASS	<LOQ	43	1200

## Residual Solvents

Compound	Status	Limit (PPM)
Propane	PASS	500
Methanol	PASS	500
Isobutane	PASS	500
Ethanol	PASS	500
Isopropanol	PASS	500
Isopentane	PASS	500
n-Butane	PASS	500
n-Hexane	PASS	500
2,2-Dimethylbutane	PASS	500
3-Methylpentane	PASS	500
2-Methylpentane	PASS	500
Cyclohexane	PASS	500
Neopentane	PASS	500
n-Heptane	PASS	500
n-Pentane	PASS	500
Benzene	PASS	500

1. The hemp extract is the product of a batch tested by the independent testing laboratory;  
 2. The batch contained a total delta-9-tetrahydrocannabinol concentration that did not exceed 0.3 percent pursuant to the testing of a random sample of the batch; and  
 3. The batch does not contain contaminants unsafe for human consumption.\*



CV SCIENCES™  
A LIFE SCIENCE COMPANY

*Stacy Gardalen*

Stacy Gardalen  
Director

*Glen Marquez*

Glen Marquez  
Quality Control



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The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MMEM 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein.\* Tested analytes and limits were set by the customer. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.