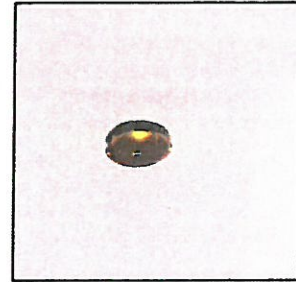




CV SCIENCES™

Certificate of Analysis  
August 17, 2020

**Sample ID:** FP-20-0539  
**Product name:** Happy Lane Softgels  
**Batch/Lot#:** E20046-60  
**Strength:** 25mg 60ct  
**Expiration:** 06/22  
**Analyst:** HP



<u>Physical properties</u>	<u>Result</u>	<u>Method</u>
Appearance	Pass	Organoleptic
Color	Pass	Organoleptic
Aroma	Pass	Organoleptic

<u>Cannabinoid:</u>	<u>mg:</u>	<u>Method:</u>
CBD	<b>28.02</b>	HPLC
CBDV	0.09	HPLC
CBDA	ND	HPLC
CBGA	ND	HPLC
CBG	ND	HPLC
CBN	ND	HPLC
Δ <sup>9</sup> -THC	ND	HPLC
CBC	ND	HPLC
THCA	ND	HPLC

<b>Total cannabinoids:</b>	<b>28.1</b>	<b>mg</b>
<b>Sample size:</b>	<b>0.85</b>	<b>g</b>
<b>THC by mass:</b>	<b>&lt;0.00</b>	<b>%</b>

ND = NOT DETECTED

*Hayley Palmer*

AUG 17 2020

*Vandana Kothari*

AUG 17 2020

Analyst \_\_\_\_\_ Date \_\_\_\_\_  
Hayley Palmer, B.S.  
QC Lab Assistant

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

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.

10070 Barnes Canyon Road  
San Diego, CA 92121  
Vandana Kothari

Sample

2008DBL0134.7582.R1

Batch FP-20-0539

Lot E20046-60

Ordered 8/13/2020

Completed 8/18/2020

Happy Lane Softgels - 25mg 60ct EXP:06/22

## Cannabinoids

	28.51	3.41	0.84
Total CBD (mg/unit)	% Total CBD	Mass	Unit weight (g)
Cannabinoid	LOQ	Mass	Mass
	%	%	mg/g
CBD	0.01	3.41	34.1
CBDa	0.01	<LOQ	<LOQ
d9-THC	0.01	<LOQ	<LOQ
THCA-A	0.01	<LOQ	<LOQ
d8-THC	0.01	<LOQ	<LOQ
THCV	0.01	<LOQ	<LOQ
CBDV	0.01	0.02	0.2
CBDVA	0.01	<LOQ	<LOQ
CBGA	0.01	<LOQ	<LOQ
CBG	0.01	<LOQ	<LOQ
CBN	0.01	<LOQ	<LOQ
CBC	0.01	<LOQ	<LOQ
CBL	0.01	<LOQ	<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

## 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

## Microbiology

Quantitative Analysis	Status	Sample	LOQ	Limit
	Pass/Fail	CFU/g	CFU/g	CFU/g
Mold/Mildew/Yeast	PASS	<LOQ	60	10,000
Enterobacteriaceae	PASS	<LOQ	60	1,000
Aerobic Bacteria	PASS	<LOQ	600	100,000
Coliforms	PASS	<LOQ	60	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	12	1500
Cadmium	PASS	<LOQ	12	500
Mercury	PASS	<LOQ	12	1000
Lead	PASS	25	12	500

- The hemp extract is the product of a batch tested by the independent testing laboratory;
- 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
- The batch does not contain contaminants unsafe for human consumption.\*



*Stacy Gardalen*

Stacy Gardalen  
Director

*Glen Marquez*

Glen Marquez  
Quality Control

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 (MMF# 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.



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