

Longevity Labs
 1550 Wewatta St Suite 200
 Denver, CO 80202
 spermidineLIFE.us

Sample: 12-05-2022-27701W1733
 Sample Received: 12/05/2022;
 Report Created: 12/11/2022; Expires: 12/11/2023

HRV+ Softgels Lot: 209023
 Ingestible capsule



0.440%
 Total THC

0.145%
 Δ-9 THC

47.180 mg/unit
 Total Cannabinoids

41.365 mg/unit
 Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000)
 Date Tested: 12/05/2022

Analyte	LOD	LOQ	Mass	Mass	
	mg/unit	mg/unit	mg/unit	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.038	0.058	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.038	0.058	0.631	1.450	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.038	0.058	1.463	3.363	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.038	0.058	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.038	0.058	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.038	0.058	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.038	0.058	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.038	0.058	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.038	0.058	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.038	0.058	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.038	0.058	ND	ND	
Cannabidivarin (CBDV)	0.038	0.058	0.118	0.271	
Cannabidivarinic Acid (CBDVA)	0.038	0.058	0.182	0.418	
Cannabidiol (CBD)	0.038	0.058	27.172	62.464	
Cannabidiolic Acid (CBDA)	0.038	0.058	16.184	37.204	
Cannabigerol (CBG)	0.038	0.058	ND	ND	
Cannabigerolic Acid (CBGA)	0.038	0.058	0.139	0.319	
Cannabinol (CBN)	0.038	0.058	ND	ND	
Cannabinolic Acid (CBNA)	0.038	0.058	ND	ND	
Cannabichromene (CBC)	0.038	0.058	0.336	0.773	
Cannabichromenic Acid (CBCA)	0.038	0.058	0.955	2.196	
Total			47.180	108.458	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.040%
 Total CBD Measurement of Uncertainty: ± 2.000%
 THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Unit Size: 0.435 g unit: 1 Capsule



New Bloom Labs
 6121 Heritage Park Drive, A500
 Chattanooga, TN 37416
 (844) 837-8223
 TN DEA#: RN0563975

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Heavy Metals

(Method of Analysis: ICP/MS, CON-P-7000)

Date Tested: 12/06/2022

Analyte	LOQ	Mass
	PPM	PPM
Arsenic	0.0962	<0.0962
Cadmium	0.0962	<0.0962
Lead	0.0962	<0.0962
Mercury	0.0962	<0.0962
Palladium	0.2404	<0.2404
Selenium	0.0962	<0.0962



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Pesticides

(Testing Method: LC/MS/MS & HPLC-UV, CON-P-5000)

Date Tested: 12/05/2022

Analyte	LOQ	Mass	Analyte	LOQ	Mass
	PPM	PPM		PPM	PPM
Acephate	0.100	<0.100	Imazalil	0.100	<0.100
Acequinocyl	0.100	<0.100	Imidacloprid	0.200	<0.200
Acetamiprid	0.100	<0.100	Kresoxim Methyl	0.100	<0.100
Aldicarb	0.100	<0.100	Malathion	0.100	<0.100
Avermectin B1A	0.100	<0.100	Metalaxyl	0.100	<0.100
Avermectin B1B	0.100	<0.100	Methiocarb	0.100	<0.100
Azoxystrobin	0.100	<0.100	Methomyl	0.100	<0.100
Bifenazate	0.100	<0.100	Mevinphos	0.100	<0.100
Bifenthrin	0.100	<0.100	MGK-264	0.100	<0.100
Boscalid	0.100	<0.100	Myclobutanil	0.100	<0.100
Captan	0.700	<0.700	Naled	0.250	<0.250
Carbaryl	0.100	<0.100	Oxamyl	0.500	<0.500
Carbofuran	0.100	<0.100	Paclobutrazole	0.100	<0.100
Chlorantraniliprole	0.100	<0.100	Parathion Methyl	0.100	<0.100
Chlorfenapyr	0.100	<0.100	Pentachloronitrobenzene	0.150	<0.150
Chlormequat	0.100	<0.100	Permethrins	0.100	<0.100
Chlorpyrifos	0.100	<0.100	Phosmet	0.100	<0.100
Clofentazine	0.100	<0.100	Piperonyl Butoxide	1.000	<1.000
Coumaphos	0.100	<0.100	Prallethrin	0.100	<0.100
Cyfluthrin	0.500	<0.500	Propiconazole	0.100	<0.100
Cypermethrin	0.500	<0.500	Propoxur	0.100	<0.100
Diazinon	0.100	<0.100	Pyrethrins	0.500	<0.500
Dichlorvos (DDPV)	0.050	<0.050	Pyridaben	0.100	<0.100
Dimethoate	0.100	<0.100	Spinetoram	0.100	<0.100
Dimethomorph	0.100	<0.100	Spinosad A	0.050	<0.050
Ethoprophos	0.100	<0.100	Spinosad D	0.050	<0.050
Etofenprox	0.100	<0.100	Spiromesifen	0.100	<0.100
Etoxazole	0.100	<0.100	Spirotetramat	0.100	<0.100
Fenhexamid	0.100	<0.100	Spiroxamine	0.100	<0.100
Fenoxycarb	0.100	<0.100	Tebuconazole	0.100	<0.100
Fenproximate	0.100	<0.100	Thiacloprid	0.100	<0.100
Fipronil	0.100	<0.100	Thiamethoxam	0.100	<0.100
Flonicamid	0.100	<0.100	Trifloxystrobin	0.100	<0.100
Fludioxonil	0.100	<0.100	Chlordane	0.100	Not Detected
Hexythiazox	0.100	<0.100	Daminozide	0.100	Not Detected

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Mycotoxins

(Testing Method: LC/MS/MS, CON-P-5000)

Date Tested: 12/05/2022

Analyte	LOQ	Mass
	PPB	PPB
Aflatoxin B1	5.000	<5.000
Aflatoxin B2	5.000	<5.000
Aflatoxin G1	5.000	<5.000
Aflatoxin G2	5.000	<5.000
Ochratoxin A	20.000	Not Detected



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Microbials

(Testing Method: qPCR & 3M Petrifilm & SIM Plate, CON-P-6000, CON-P-9000)
 Date Tested: 12/06/2022

Analyte	LOQ	Units
	CFU/g	CFU/g
Total Yeast and Mold Count	17	<17
Total Aerobic Bacteria Count	7	<7
Total Coliform Count	7	<7
Total Enterobacteriaceae/BTGN Count	7	<7
Aspergillus spp.		Not Detected
Shigatoxigenic Escherichia coli (STEC)		Not Detected
Salmonella		Not Detected
Listeria monocytogenes		Not Detected



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