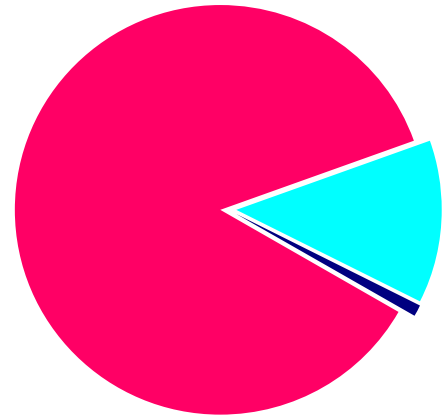


Date:	9/5/2020	Sample ID:	19I03S3941
Customer:	Leading Edge Pharms	Sample Type:	Topical
Patient Name:	Energe Botanicals	Method:	Cannabis Potency
Amount of cannabis received:	1 unit	Technique:	HPLC-UV
Sample Name:	4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062		

## Cannabinoid Potency

Cannabidiol (CBD)	0.163%	1.6349 mg/g
Cannabigerol (CBG)	0.0237%	0.2374 mg/g
Tetrahydrocannabinol (THC)	<ND	<ND mg/g
Cannabidiolic Acid (CBD-A)	<ND	<ND mg/g
Cannabigerolic Acid (CBG-A)	<ND	<ND mg/g
Cannabinol (CBN)	<ND	<ND mg/g
Δ-9 Tetrahydrocannabinol (THC)	<ND	<ND mg/g
Δ-8 Tetrahydrocannabinol (D8-THC)	<ND	<ND mg/g
Cannabichromene (CBC)	<ND	<ND mg/g
Tetrahydrocannabinolic Acid (THC-A)	<ND	<ND mg/g
Serving Size (g)	1.0	
<i>THC+THCV+CBN+D8-THC+THC-A x Serving Size</i>	ND mg	
<i>CBD + CBDV + CBD-A x Serving Size</i>	1.7 mg	



■ THC %    ■ CBD %    ■ CBN %    ■ THCA %    ■ CBDA %  
■ CBG %    ■ CBC %    ■ CBDV %    ■ CBGA %    ■ THCV %

Test Result Pass



Sample Photo: 4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062

Remarks:

Results valid for sample tested and metrologically traceable to an SI unit. LOD = 0.0433 ug/mL, LOQ = 0.2164 ug/mL or better. Chemistry values are presented by weight per cent within an error of 4.5% of the reported value with 95% confidence. Sampling per CA BPC 26104(d), if required. Report shall not be reproduced except in full, without written approval from Coastal Analytical.

This certificate available at: <http://results.coastalanalytical.com/19I03S3941.pdf>

Results certified by (chemist): E. Hershman

Coastal Analytical  
6342 Ferris Square  
San Diego, CA 92121  
CA License C8-000027-LIC



# Certificate of Analysis

## Not Valid for Resale or Transfer

Date:	9/5/2020	Sample ID:	19I03S3941
Customer:	Leading Edge Pharms	Sample Type:	Topical
Patient Name:	Energe Botanicals	Method:	Cannabis Microbial
Amount of cannabis received:	1 unit	Technique:	Plate count
Sample Name:	4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062		

## Non-Inhalable Microbiology

<u>Results</u>	Pass	Remarks
Shiga toxin-producing E. Coli	Pass	
Salmonella spp.	Pass	

<u>CA Limits</u>	Not Allowed
Shiga toxin-producing E. Coli	Not Allowed
Salmonella spp.	Not Allowed



Sample Photo: 4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062

Results valid for sample tested. LOD / LOQ: 1 CFU/g. Sampling per 16 CCR 42 Article 3, if required. Report shall not be reproduced except in full, without written approval from Coastal Analytical.

This certificate available at: <http://results.coastalanalytical.com/19I03S3941.pdf>

Results certified by (chemist): E. Hershman

Coastal Analytical  
6342 Ferris Square  
San Diego, CA 92121  
CA License C8-000027-LIC



Date:	9/5/2020	Sample ID:	19I03S3941
Customer:	Leading Edge Pharms	Sample Type:	Topical
Patient Name:	Energe Botanicals	Method:	Cannabis Pesticides
Amount of cannabis received:	1 unit	Technique:	LC-MS/MS
Sample Name:	4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062		

## CA Residual Pesticides - Not Inhalable

Pesticide (CAS)	Concentration	Result	Pesticide (CAS)	Concentration	Result
Abamectin 71751-41-2	ND µg/g	Pass	Fludioxonil 131341-86-1	ND µg/g	Pass
Acephate 30560-19-1	ND µg/g	Pass	Hexythiazox 78587-05-0	ND µg/g	Pass
Acequinocyl 57960-19-7	ND µg/g	Pass	Imazalil 35554-44-0	ND µg/g	Pass
Acetamiprid 135410-20-7	ND µg/g	Pass	Imidacloprid 138261-41-3	ND µg/g	Pass
Aldicarb 116-06-3	ND µg/g	Pass	Kresoxim-methyl 143390-89-0	ND µg/g	Pass
Azoxystrobin 131860-33-8	ND µg/g	Pass	Malathion 121-75-5	ND µg/g	Pass
Bifenazate 149877-41-8	ND µg/g	Pass	Metalaxyl 57837-19-1	ND µg/g	Pass
Bifenthrin 82657-04-3	ND µg/g	Pass	Methiocarb 2032-65-7	ND µg/g	Pass
Boscalid 188425-85-6	ND µg/g	Pass	Methomyl 16752-77-5	ND µg/g	Pass
Captan 133-06-2	ND µg/g	Pass	Methyl parathion 298-00-0	ND µg/g	Pass
Carbaryl 63-25-2	ND µg/g	Pass	Mevinphos 7786-34-7	ND µg/g	Pass
Carbofuran 1563-66-2	ND µg/g	Pass	Myclobutanil 88671-89-0	ND µg/g	Pass
Chlorantraniliprole 500008-45-7	ND µg/g	Pass	Naled 300-76-5	ND µg/g	Pass
Chlordane 57-74-9	ND µg/g	Pass	Oxamyl 23135-22-0	ND µg/g	Pass
Chlorfenapyr 122453-73-0	ND µg/g	Pass	Paclobutrazol 76738-62-0	ND µg/g	Pass
Chlorpyrifos 2921-88-2	ND µg/g	Pass	Pentachloronitrobenzene 82-68-8	ND µg/g	Pass
Clofentezine 74115-24-5	ND µg/g	Pass	Permethrins 52645-53-1	ND µg/g	Pass
Coumaphos 56-72-4	ND µg/g	Pass	Phosmet 732-11-6	ND µg/g	Pass
Cyfluthrin 68359-37-5	ND µg/g	Pass	Piperonyl butoxide 51-03-6	ND µg/g	Pass
Cypermethrin 52315-07-8	ND µg/g	Pass	Prallethrin 23031-36-9	ND µg/g	Pass
Daminozide 1596-84-5	ND µg/g	Pass	Propiconazole 60207-90-1	ND µg/g	Pass
DDVP (Dichlorvos) 62-73-7	ND µg/g	Pass	Propoxur 114-26-1	ND µg/g	Pass
Diazinon 333-41-5	ND µg/g	Pass	Pyrethrins 8003-34-7	ND µg/g	Pass
Dimethoate 60-51-5	ND µg/g	Pass	Pyridaben 96489-71-3	ND µg/g	Pass
Dimethomorph 110488-70-5	ND µg/g	Pass	Spinetoram 187166-40-1	ND µg/g	Pass
Ethoprophos 13194-48-4	ND µg/g	Pass	Spinosad 168316-95-8	ND µg/g	Pass
Etofenprox 80844-07-1	ND µg/g	Pass	Spiromesifen 283594-90-1	ND µg/g	Pass
Etoxazole 153233-91-1	ND µg/g	Pass	Spirotetramat 203313-25-1	ND µg/g	Pass
Fenhexamid 126833-17-8	ND µg/g	Pass	Spiroxamine 118134-30-8	ND µg/g	Pass
Fenoxycarb 72490-01-8	ND µg/g	Pass	Tebuconazole 80443-41-0	ND µg/g	Pass
Fenpyroximate 134098-61-6	ND µg/g	Pass	Thiacloprid 111988-49-9	ND µg/g	Pass
Fipronil 120068-37-3	ND µg/g	Pass	Thiamethoxam 153719-23-4	ND µg/g	Pass
Fonicamid 158062-67-0	ND µg/g	Pass	Trifloxystrobin 141517-21-7	ND µg/g	Pass

Shaded values indicate no allowable amount. Results valid for sample tested and metrologically traceable to an SI unit. LOD = 0.10 µg/g, LOQ = 0.10 µg/g or better within an error of 4.6% with 95% confidence. Sampling and pass criteria per CA Code of Regulations, Title 16, Division 42. Article 3, if required. Report shall not be reproduced except in full, without written approval from Coastal Analytical.

This certificate available at: <http://results.coastalanalytical.com/19I03S3941.pdf>

Results certified by (chemist): E. Hershman

Date:	9/5/2020	Sampling Date:	
Customer:	Leading Edge Pharms	Sampling Location:	
Address:		Receipt Date:	
Distributor:	N/A	Sample ID:	19I03S3941
Address:	N/A	Sample Type:	Topical
Producer:	N/A	Method:	Cannabis Solvents
Address:	N/A	Technique:	Headspace GC-MS
		Batch ID:	
		Batch Size:	
Sample Name:	4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062	Sample Size:	1 unit

## Residual Solvents - Cannabis Product

	Value ( µg/g)	Result
Methanol	165.8µg/g	Pass
Ethanol	ND	Pass
Pentane	ND	Pass
Diethyl Ether (Ether)	ND	Pass
Acetone	211.7µg/g	Pass
Hexane	ND	Pass
Ethyl Acetate (Acetate)	ND	Pass
Butane	ND	Pass
Propane	353.4µg/g	Pass
Isopropanol (Iso-alcohol/2-propanol)	65µg/g	Pass
Acetonitrile	ND	Pass
Heptane	ND	Pass
Toluene	ND	Pass
Xylenes, total	ND	Pass
12-Dichloroethane	ND	Pass
Benzene	ND	Pass
Chloroform	ND	Pass
Ethylene Oxide	ND	Pass
Methylene Chloride	ND	Pass
Trichloroethylene	ND	Pass

### Remarks:

Results valid for sample tested and metrologically traceable to an SI unit. LOD = 0.0415 ug/g, LOQ = 0.214 ug/g or better. Chemistry values are presented by weight per cent within an error of 7.2% of the reported value with 95% confidence. Sampling per 16 CCR 42 Article 3, if required. Report shall not be reproduced except in full, without written approval from Coastal Analytical.

This certificate available at:

<http://results.coastalanalytical.com/19I03S3941.pdf>

Results certified by (chemist):

E. Hershman

Coastal Analytical  
6342 Ferris Square  
San Diego, CA 92121  
CA License C8-0000027-LIC



# Certificate of Analysis

## Not Valid for Resale or Transfer

Date:	9/5/2020	Sampling Date:	
Customer:	Leading Edge Pharms	Sampling Location:	
Address:		Receipt Date:	
Distributor:	N/A	Sample ID:	19I03S3941
Address:	N/A	Sample Type:	Topical
Producer:	N/A	Method:	Cannabis Metals
Address:	N/A	Technique:	GFA-AAS
		Batch ID:	
		Batch Size:	
Sample Name:	4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062	Sample Size:	1 unit

### Heavy Metals - Other than Inhalable

Results	Remarks
Arsenic (As) ND µg/g Pass	
Cadmium (Cd) ND µg/g Pass	
Lead (Pb) ND µg/g Pass	
Mercury (Hg) ND µg/g Pass	



Sample Photo: 4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062

Results valid for sample tested and metrologically traceable to an SI unit. LOD = 0.0059 ug/mL, LOQ = 0.029 ug/mL or better. Chemistry values are presented by weight per cent within an error of 14.6% of the reported value with 95% confidence. Sampling per 16 CCR 42 Article 3, if required. Report shall not be reproduced except in full, without written approval from Coastal Analytical.

This certificate available at: <http://results.coastalanalytical.com/19I03S3941.pdf>

Results certified by (chemist): E. Hershman

Date:	9/5/2020	Sampling Date:	
Customer:	Leading Edge Pharms	Sampling Location:	
Address:		Receipt Date:	
Distributor:	N/A	Sample ID:	19I03S3941
Address:	N/A	Sample Type:	Topical
Producer:	N/A	Method:	Cannabis Mycotoxins
Address:	N/A	Technique:	LC-MS/MS
		Batch ID:	
		Batch Size:	
Sample Name:	4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062	Sample Size:	1 unit

## Microbial Toxins

<u>Results</u> (µg/kg)			Remarks
Aflatoxin B1	ND	Pass	
Aflatoxin B2	ND	Pass	
Aflatoxin G1	ND	Pass	
Aflatoxin G2	ND	Pass	
Ochratoxin A	ND	Pass	
Total Aflatoxins	ND	Pass	
Test Result	Pass		



Sample Photo: 4715-3 Silvidiol for Cannvera Relief Oil Lot:C49062

Results valid for sample tested. LOD / LOQ: 1 CFU/g. Sampling per 16 CCR 42 Article 3, if required. Report shall not be reproduced except in full, without written approval from Coastal Analytical.

This certificate available at: <http://results.coastalanalytical.com/19I03S3941.pdf>

Results certified by (chemist): E. Hershman