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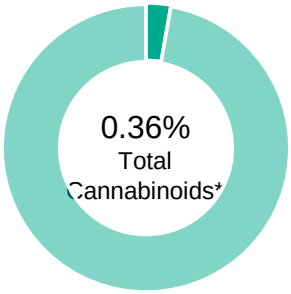
CERTIFICATE OF ANALYSIS

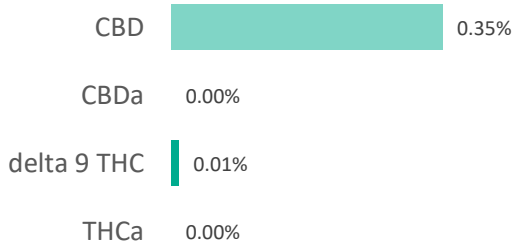
prepared for: RAD EXTRACTS
860 COMMERCIAL LANE
PALMER LAKE, CO 80133

Equestrian Recover Liniment Gel-Batch 43374-75

Batch ID:	43374-75	**Test ID:**	6254453.0052
Reported:	13-Mar-2020	**Method:**	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.01	0.1
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.01	0.35	3.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.02	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.01	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.01	ND	ND
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	ND	ND
Total Cannabinoids		**0.36**	**3.60**
Total Potential THC**		0.01	0.10
Total Potential CBD**		0.35	3.50

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL

Michelle Gagnon
13-Mar-2020
2:57 PM

PREPARED BY / DATE

Greg Zimpfer
13-Mar-2020
4:03 PM

APPROVED BY / DATE

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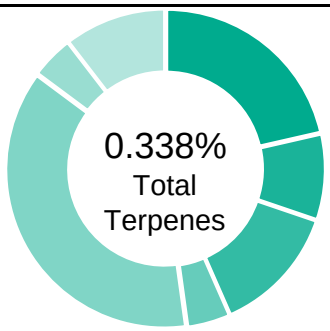
prepared for: RAD EXTRACTS
860 COMMERCIAL LANE
PALMER LAKE, CO 80133

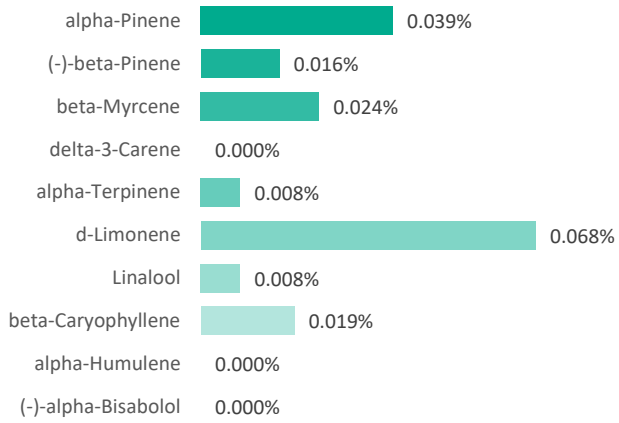
Equestrian Recover Liniment Gel-Batch 43374-75

Batch ID:	43374-75	**Test ID:**	9924436.0023
Reported:	17-Mar-2020	**Method:**	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE



PREDOMINANT TERPENES



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.000	0
Camphene	N/A	N/A
delta-3-Carene	0.000	0
beta-Caryophyllene	0.019	0.19
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.011	0.11
Eucalyptol	0.129	1.29
Geraniol	0.000	0
alpha-Humulene	0.000	0
(-)-Isopulegol	0.000	0
d-Limonene	0.068	0.68
Linalool	0.008	0.08
beta-Myrcene	0.024	0.24
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.002	0.02
beta-Ocimene	0.000	0
alpha-Pinene	0.039	0.39
(-)-beta-Pinene	0.016	0.16
alpha-Terpinene	0.008	0.08
gamma-Terpinene	0.012	0.12
Terpinolene	0.002	0.02
	0.338%	**3.38**

NOTES:
0

FINAL APPROVAL

Michelle Gagnon
17-Mar-2020
1:51 PM

PREPARED BY / DATE

Greg Zimpfer
17-Mar-2020
2:45 PM

APPROVED BY / DATE

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prepared for: RAD EXTRACTS
860 COMMERCIAL LANE
PALMER LAKE, CO 80133

Equestrian Recover Liniment Gel-Batch 43374-75

Batch ID:	43374-75	**Test ID:**	7189115.0049
Reported:	14-Mar-2020	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

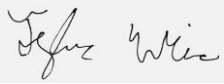
Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	51 - 2384	ND*
Acetamiprid	51 - 2384	ND*
Abamectin		ND*
Azoxystrobin	51 - 2384	ND*
Bifenazate	51 - 2384	ND*
Boscalid	309 - 2384	ND*
Carbaryl	51 - 2384	ND*
Carbofuran	51 - 2384	ND*
Chlorantraniliprole	51 - 2384	ND*
Chlorpyrifos	309 - 2384	ND*
Clofentezine	51 - 2384	ND*
Diazinon	51 - 2384	ND*
Dichlorvos	309 - 2384	ND*
Dimethoate	51 - 2384	ND*
E-Fenpyroximate	309 - 2384	ND*
Etofenprox	309 - 2384	ND*
Etoxazole	309 - 2384	ND*
Fenoxycarb	51 - 2384	ND*
Fipronil	309 - 2384	ND*
Flonicamid	51 - 2384	ND*
Fludioxonil	309 - 2384	ND*
Hexythiazox	309 - 2384	ND*
Imazalil	309 - 2384	ND*
Imidacloprid	51 - 2384	ND*
Kresoxim-methyl	51 - 2384	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	51 - 2384	ND*
Metalaxyl	309 - 2384	ND*
Methiocarb	51 - 2384	ND*
Methomyl	51 - 2384	ND*
MGK 264 1	51 - 2384	ND*
MGK 264 2	309 - 2384	ND*
Myclobutanil	309 - 2384	ND*
Naled	309 - 2384	ND*
Oxamyl	51 - 2384	ND*
Paclobutrazol	51 - 2384	ND*
Permethrin	309 - 2384	ND*
Phosmet	51 - 2384	ND*
Prophos	309 - 2384	ND*
Propoxur	309 - 2384	ND*
Pyridaben	309 - 2384	ND*
Spinosad A	51 - 2384	ND*
Spinosad D	309 - 2384	ND*
Spiromesifen	51 - 2384	ND*
Spirotetramat	309 - 2384	ND*
Spiroxamine 1	51 - 2384	ND*
Spiroxamine 2	51 - 2384	ND*
Tebuconazole	51 - 2384	ND*
Thiacloprid	51 - 2384	ND*
Thiamethoxam	51 - 2384	ND*
Trifloxystrobin	309 - 2384	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL



Tyler Wiese
14-Mar-2020
12:41 PM

PREPARED BY / DATE

Greg Zimpfer
14-Mar-2020
7:57 PM

APPROVED BY / DATE

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PALMER LAKE, CO 80133

Equestrian Recover Liniment Gel-Batch 43374-75

Batch ID:	43374-75	**Test ID:**	T000066845
Reported:	15-Mar-2020	**Method:**	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count	None Detected
Total Coliforms	None Detected
Total Yeast and Molds	None Detected
E. coli	None Detected
Salmonella	None Detected

** CFU/g = Colony Forming Unit per Gram*

*** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.*

Examples: 10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

NOTES:
Free from visual mold, mildew, and foreign matter
TYM: None Detected
Total Aerobic: None Detected
Coliforms: None Detected

FINAL APPROVAL

Robert Belfon
14-Mar-2020
9:09 PM
PREPARED BY / DATE

Greg Zimpfer
15-Mar-2020
6:13 PM
APPROVED BY / DATE

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Equestrian Recover Liniment Gel-Batch 43374-75

Batch ID:	43374-75	**Test ID:**	T000066844
Reported:	12-Mar-2020	**Method:**	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	81 - 1611	*ND
Butanes (Isobutane, n-Butane)	162 - 3234	*ND
Methanol	61 - 1217	*ND
Pentane	90 - 1800	*ND
Ethanol	92 - 1840	>1840
Acetone	97 - 1940	*ND
Isopropyl Alcohol	104 - 2084	*ND
Hexane	6 - 119	*ND
Ethyl Acetate	99 - 1978	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	94 - 1879	*ND
Toluene	18 - 356	*ND
Xylenes (m,p,o-Xylenes)	131 - 2623	*ND

* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL

Tyler Wiese
12-Mar-2020
9:23 PM
PREPARED BY / DATE

Greg Zimpfer
12-Mar-2020
9:32 PM
APPROVED BY / DATE

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prepared for: RAD EXTRACTS
860 COMMERCIAL LANE
PALMER LAKE, CO 80133

Equestrian Recover Liniment Gel-Batch 43374-75

Batch ID:	43374-75	**Test ID:**	T000066848
Reported:	20-Mar-2020	**Method:**	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL

Daniel Weidensaul
20-Mar-2020
4:57 PM
PREPARED BY / DATE

Greg Zimpfer
20-Mar-2020
5:20 PM
APPROVED BY / DATE