

Prepared for:  
**Pet Releaf**

8100 Southpark Way #A3  
Littleton, CO USA 80120

## Feline Stress Releaf - 180 mg

Batch ID or Lot Number: <b>1022FR1802</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 3 of 6
Reported: <b>20Oct2022</b>	Started: 19Oct2022	Received: 19Oct2022	


## Cannabinoids - Colorado Compliance

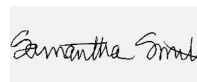
Test ID: T000225103

Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.067	0.190	0.409	0.44	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.061	0.174	ND	ND	
Cannabidiol (CBD)	0.158	0.503	6.966	7.41	
Cannabidiolic Acid (CBDA)	0.162	0.516	ND	ND	
Cannabidivarin (CBDV)	0.037	0.119	<LOQ	0.05	
Cannabidivarinic Acid (CBDVA)	0.068	0.215	ND	ND	
Cannabigerol (CBG)	0.038	0.108	0.168	0.18	
Cannabigerolic Acid (CBGA)	0.158	0.452	ND	ND	
Cannabinol (CBN)	0.049	0.141	ND	ND	
Cannabinolic Acid (CBNA)	0.108	0.308	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.188	0.538	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.171	0.489	0.207	0.22	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.152	0.433	ND	ND	
Tetrahydrocannabivarin (THCV)	0.034	0.098	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.134	0.382	ND	ND	
<b>Total Cannabinoids</b>			<b>7.798</b>	<b>8.30</b>	
Total Potential THC			0.207	0.22	
Total Potential CBD			6.966	7.41	

### Final Approval

  
Karen Winternheimer  
21Oct2022  
11:02:00 AM MDT  
PREPARED BY / DATE

  
Sam Smith  
21Oct2022  
11:05:00 AM MDT  
APPROVED BY / DATE



Prepared for:

## Pet Releaf

8100 Southpark Way #A3  
Littleton, CO USA 80120

### Feline Stress Releaf - 180 mg

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### Residual Solvents - Colorado Compliance

Test ID: T000225107


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	95 - 1902	ND	
Butanes (Isobutane, n-Butane)	198 - 3963	ND	
Methanol	62 - 1245	ND	
Pentane	105 - 2109	ND	
Ethanol	102 - 2031	ND	
Acetone	104 - 2084	ND	
Isopropyl Alcohol	105 - 2107	ND	
Hexane	6 - 127	ND	
Ethyl Acetate	104 - 2086	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	106 - 2121	ND	
Toluene	19 - 376	ND	
Xylenes (m,p,o-Xylenes)	140 - 2806	ND	

### Final Approval

  
Sam Smith  
20Oct2022  
08:51:00 AM MDT

PREPARED BY / DATE

  
Karen Winternheimer  
20Oct2022  
08:54:00 AM MDT

APPROVED BY / DATE

Prepared for:  
**Pet Releaf**

8100 Southpark Way #A3  
Littleton, CO USA 80120

## Feline Stress Releaf - 180 mg


Batch ID or Lot Number: <b>1022FR1802</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 2 of 6
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## Mycotoxins - Colorado Compliance

Test ID: T000225108  
Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.30 - 118.88	ND	N/A
Aflatoxin B1	0.85 - 30.27	ND	
Aflatoxin B2	2.30 - 29.80	ND	
Aflatoxin G1	0.97 - 30.01	ND	
Aflatoxin G2	1.18 - 29.89	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

### Final Approval

  
PREPARED BY / DATE  
Sam Smith  
21Oct2022  
10:29:00 AM MDT

  
APPROVED BY / DATE  
Karen Winternheimer  
21Oct2022  
10:31:00 AM MDT

Prepared for:  
**Pet Releaf**

8100 Southpark Way #A3  
Littleton, CO USA 80120

## Feline Stress Releaf - 180 mg

Batch ID or Lot Number: <b>1022FR1802</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 4 of 6
Reported: <b>20Oct2022</b>	Started: 19Oct2022	Received: 19Oct2022	

## Microbial Contaminants - Colorado Compliance

Test ID: T000225105  
Methods: TM25 (qPCR) TM24, TM26,  
TM27 (Culture Plating): Microbial  
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

### Final Approval



Eden Thompson-Wright  
24Oct2022  
02:39:00 PM MDT

PREPARED BY / DATE



Brett Hudson  
24Oct2022  
05:47:00 PM MDT

APPROVED BY / DATE

Prepared for:  
**Pet Releaf**

8100 Southpark Way #A3  
Littleton, CO USA 80120

## Feline Stress Releaf - 180 mg

Batch ID or Lot Number: <b>1022FR1802</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 5 of 6
Reported: <b>20Oct2022</b>	Started: 19Oct2022	Received: 19Oct2022	


### Pesticides

Test ID: T000225104

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	251 - 2634	ND		Malathion	288 - 2733	ND
Acephate	35 - 2752	ND		Metalaxyl	40 - 2748	ND
Acetamiprid	36 - 2688	ND		Methiocarb	42 - 2801	ND
Azoxystrobin	40 - 2741	ND		Methomyl	34 - 2705	ND
Bifenazate	38 - 2718	ND		MGK 264 1	144 - 1597	ND
Boscalid	41 - 2823	ND		MGK 264 2	113 - 1138	ND
Carbaryl	40 - 2721	ND		Myclobutanil	45 - 2760	ND
Carbofuran	41 - 2709	ND		Naled	47 - 2735	ND
Chlorantraniliprole	43 - 2763	ND		Oxamyl	38 - 2691	ND
Chlorpyrifos	56 - 2830	ND		Paclobutrazol	43 - 2705	ND
Clofentezine	279 - 2735	ND		Permethrin	282 - 2780	ND
Diazinon	277 - 2745	ND		Phosmet	42 - 2720	ND
Dichlorvos	258 - 2688	ND		Prophos	287 - 2746	ND
Dimethoate	37 - 2672	ND		Propoxur	40 - 2714	ND
E-Fenpyroximate	283 - 2752	ND		Pyridaben	289 - 2762	ND
Etofenprox	42 - 2757	ND		Spinosad A	30 - 2259	ND
Etoxazole	288 - 2732	ND		Spinosad D	43 - 500	ND
Fenoxycarb	45 - 2766	ND		Spiromesifen	270 - 2789	ND
Fipronil	58 - 2756	ND		Spirotetramat	260 - 2788	ND
Flonicamid	39 - 2707	ND		Spiroxamine 1	16 - 1183	ND
Fludioxonil	286 - 2787	ND		Spiroxamine 2	20 - 1603	ND
Hexythiazox	39 - 2786	ND		Tebuconazole	294 - 2729	ND
Imazalil	259 - 2800	ND		Thiacloprid	36 - 2683	ND
Imidacloprid	42 - 2697	ND		Thiamethoxam	40 - 2711	ND
Kresoxim-methyl	17 - 2783	ND		Trifloxystrobin	41 - 2738	ND

### Final Approval

  
Sam Smith  
26Oct2022  
11:01:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
26Oct2022  
11:05:00 AM MDT  
APPROVED BY / DATE

Prepared for:  
**Pet Relief**

8100 Southpark Way #A3  
Littleton, CO USA 80120

## Feline Stress Relief - 180 mg

Batch ID or Lot Number: <b>1022FR1802</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 6 of 6
Reported: <b>20Oct2022</b>	Started: 19Oct2022	Received: 19Oct2022	


## Heavy Metals - Colorado Compliance

Test ID: T000225106

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.11	ND	
Cadmium	0.04 - 4.24	ND	
Mercury	0.04 - 4.39	ND	
Lead	0.04 - 4.48	ND	

### Final Approval

  
Samantha Smith  
27Oct2022  
11:00:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
27Oct2022  
11:03:00 AM MDT  
APPROVED BY / DATE

**APPROVED**  
By Richie Bryan at 4:09PM, November 11th, 2022  
QA/QC



<https://results.botanacor.com/api/v1/coas/uuid/8bbddd9a-d0c4-41c8-aed0-5d11e00593c2>

**Definitions**  
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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