

Prepared for:
PET RELIEF

8100 SOUTHPARK WAY
LITTLETON, CO USA 80120

Pet Relief Sentesa 60/30mg caps

Batch ID or Lot Number: 1123S204	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 6
Reported: 22Nov2023	Started: 21Nov2023	Received: 21Nov2023	


Cannabinoids - Colorado Compliance


Test ID: T000262710

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.027	0.095	<LOQ	<LOQ	# of Servings = 1 Sample Weight=0.55g
Cannabichromenic Acid (CBCA)	0.025	0.087	ND	ND	
Cannabidiol (CBD)	0.130	0.259	32.316	58.73	
Cannabidiolic Acid (CBDA)	0.134	0.266	ND	ND	
Cannabidivarin (CBDV)	0.031	0.061	0.170	0.31	
Cannabidivarinic Acid (CBDVA)	0.056	0.111	ND	ND	
Cannabigerol (CBG)	0.015	0.054	ND	ND	
Cannabigerolic Acid (CBGA)	0.065	0.225	ND	ND	
Cannabinol (CBN)	0.020	0.070	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.044	0.154	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.077	0.268	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.070	0.244	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.062	0.216	ND	ND	
Tetrahydrocannabivarin (THCV)	0.014	0.049	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.055	0.190	ND	ND	
Total Cannabinoids			32.486	59.04	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			32.316	58.73	

Final Approval


Sam Smith
22Nov2023
12:27:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
22Nov2023
12:30:00 PM MST
APPROVED BY / DATE

Approved: Paul Gennings QC 12-15-23

Prepared for:
PET RELEASE

8100 SOUTHPARK WAY
LITTLETON, CO USA 80120

Pet Releaf Sentesa 60/30mg caps

Batch ID or Lot Number: 1123S204	Test, Test ID and Methods: Various	Matrix: Unit	Page 2 of 6
Reported: 22Nov2023	Started: 21Nov2023	Received: 21Nov2023	


Pesticides


Test ID: T000262712

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	308 - 2713	ND		Malathion	294 - 2663	ND
Acephate	58 - 2734	ND		Metalaxyl	61 - 2723	ND
Acetamiprid	59 - 2660	ND		Methiocarb	62 - 2711	ND
Azoxystrobin	63 - 2666	ND		Methomyl	58 - 2730	ND
Bifenazate	60 - 2672	ND		MGK 264 1	166 - 1630	ND
Boscalid	64 - 2660	ND		MGK 264 2	109 - 1067	ND
Carbaryl	60 - 2693	ND		Myclobutanil	25 - 2723	ND
Carbofuran	60 - 2702	ND		Naled	63 - 2709	ND
Chlorantraniliprole	57 - 2685	ND		Oxamyl	57 - 2723	ND
Chlorpyrifos	49 - 2768	ND		Paclobutrazol	62 - 2670	ND
Clofentezine	282 - 2707	ND		Permethrin	288 - 2797	ND
Diazinon	294 - 2688	ND		Phosmet	63 - 2568	ND
Dichlorvos	251 - 2742	ND		Prophos	293 - 2700	ND
Dimethoate	59 - 2686	ND		Propoxur	61 - 2689	ND
E-Fenpyroximate	287 - 2789	ND		Pyridaben	297 - 2760	ND
Etofenprox	62 - 2756	ND		Spinosad A	45 - 2099	ND
Etoxazole	291 - 2695	ND		Spinosad D	66 - 665	ND
Fenoxycarb	65 - 2675	ND		Spiromesifen	288 - 2753	ND
Fipronil	35 - 2735	ND		Spirotetramat	299 - 2717	ND
Flonicamid	66 - 2756	ND		Spiroxamine 1	22 - 1024	ND
Fludioxonil	314 - 2683	ND		Spiroxamine 2	34 - 1587	ND
Hexythiazox	56 - 2796	ND		Tebuconazole	274 - 2692	ND
Imazalil	286 - 2692	ND		Thiacloprid	60 - 2688	ND
Imidacloprid	61 - 2769	ND		Thiamethoxam	61 - 2732	ND
Kresoxim-methyl	60 - 2746	ND		Trifloxystrobin	62 - 2703	ND

Final Approval


Sam Smith
24Nov2023
11:10:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
24Nov2023
11:13:00 AM MST
APPROVED BY / DATE

Prepared for:
PET RELIEF

8100 SOUTHPARK WAY
LITTLETON, CO USA 80120

Pet Relief Sentesa 60/30mg caps

Batch ID or Lot Number: 1123S204	Test, Test ID and Methods: Various	Matrix: Unit	Page 3 of 6
Reported: 22Nov2023	Started: 21Nov2023	Received: 21Nov2023	


Residual Solvents - Colorado Compliance

Test ID: T000262714


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	96 - 1911	ND	
Butanes (Isobutane, n-Butane)	189 - 3774	ND	
Methanol	66 - 1329	ND	
Pentane	102 - 2036	ND	
Ethanol	104 - 2086	ND	
Acetone	105 - 2105	ND	
Isopropyl Alcohol	115 - 2306	ND	
Hexane	7 - 131	ND	
Ethyl Acetate	109 - 2181	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	104 - 2084	ND	
Toluene	20 - 392	ND	
Xylenes (m,p,o-Xylenes)	143 - 2863	ND	

Final Approval


Sam Smith
27Nov2023
09:44:00 AM MST

PREPARED BY / DATE


Karen Winternheimer
27Nov2023
09:46:00 AM MST

APPROVED BY / DATE

Prepared for:

PET RELEAF

8100 SOUTHPARK WAY
LITTLETON, CO USA 80120

Pet Releaf Sentesa 60/30mg caps

Batch ID or Lot Number: 1123S204	Test, Test ID and Methods: Various	Matrix: Unit	Page 4 of 6
Reported: 22Nov2023	Started: 21Nov2023	Received: 21Nov2023	


Heavy Metals - Colorado Compliance


Test ID: T000262713

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.77	ND	
Cadmium	0.04 - 4.43	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.05 - 4.72	ND	

Final Approval


Sam Smith
29Nov2023
12:02:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
29Nov2023
12:05:00 PM MST
APPROVED BY / DATE

Prepared for:
PET RELIEF

8100 SOUTHPARK WAY
LITTLETON, CO USA 80120

Pet Relief Sentesa 60/30mg caps

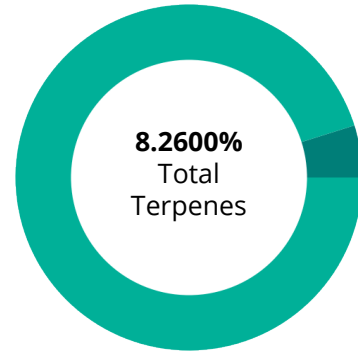
Batch ID or Lot Number: 1123S204	Test, Test ID and Methods: Various	Matrix: Unit	Page 5 of 6
Reported: 22Nov2023	Started: 21Nov2023	Received: 21Nov2023	

Terpenes

Test ID: T000262711

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.4022	4.022
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	7.8578	78.578
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	8.2600	82.6000




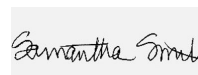
PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.4022
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	7.8578
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval


Karen Winternheimer
15Dec2023
02:52:00 PM MST
PREPARED BY / DATE


Sam Smith
15Dec2023
02:55:00 PM MST
APPROVED BY / DATE

Prepared for:
PET RELEAF

8100 SOUTHPARK WAY
LITTLETON, CO USA 80120

Pet Releaf Sentesa 60/30mg caps

Batch ID or Lot Number: 1123S204	Test, Test ID and Methods: Various	Matrix: Unit	Page 6 of 6
Reported: 22Nov2023	Started: 21Nov2023	Received: 21Nov2023	



<https://results.botanacor.com/api/v1/coas/uuid/31b31fae-027c-47fd-ad7a-3ce839b8ec7b>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02
31b31fae027c47fdad7a3ce839b8ec7b.1

CERTIFICATE OF ANALYSIS

Prepared for:
Pet Relief

8100 Southpark Way
Littleton, CO USA 80120

Pet Relief Sentesa 60/30mg caps

Batch ID or Lot Number: 1123S204	Test: Microbial Contaminants	Reported: 14Dec2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000264641	Started: 11Dec2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 11Dec2023	Status: Active

Microbial Contaminants

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

Final Approval



Brett Hudson
14Dec2023
10:20:00 AM MST

PREPARED BY / DATE



Eden Thompson-Wright
14Dec2023
10:24:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b4e0625f-1238-4bdb-a882-32f939fbeatd>

Definitions

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02

CDPHE Certified

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CERTIFICATE OF ANALYSIS

Prepared for:
Pet Releaf


8100 Southpark Way
Littleton, CO USA 80120

Pet Releaf Sentesa 60/30mg caps

Batch ID or Lot Number: 1123S204	Test: Mycotoxins	Reported: 15Dec2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000264642	Started: 13Dec2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 11Dec2023	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.48 - 130.89	ND	N/A
Aflatoxin B1	1.34 - 33.25	ND	
Aflatoxin B2	1.47 - 32.95	ND	
Aflatoxin G1	1.40 - 33.28	ND	
Aflatoxin G2	1.50 - 33.78	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Sam Smith
15Dec2023
06:47:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
15Dec2023
11:32:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/efdac353-6007-4cb8-b111-a30e74dbc9d4>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.

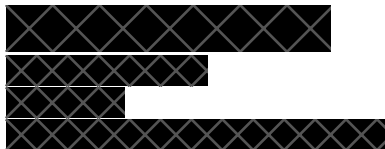


Cert #4329.02

CDPHE Certified

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Certificate of Analysis

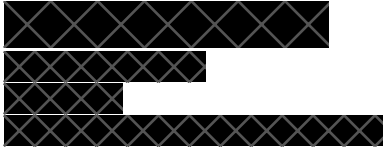


Sample Name:	Pet Releaf Sentesa 30mg Capsules	Eurofins Sample:	13539065
Project ID	██████████-20231120-0012	Receipt Date	21-Nov-2023
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	1123S204	Login Date	20-Nov-2023
Sample Serving Size	1 Cap	Date Started	21-Nov-2023
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	901-2023-E072594

Analysis	Result
Calculated Sample Weight *	
Entity Weight	0.5527 g
Entity Fill Weight	0.4431 g
Fatty Acids Calculated as Triglycerides	
Saturated Fatty Acids (Acid Form)	0.0376 g/Serving Size
Total Cis Unsaturated Fatty Acids (Acid Form)	0.00218 g/Serving Size
Monounsaturated Fatty Acids (Acid Form)	0.00159 g/Serving Size
Polyunsaturated Fatty Acids (Acid Form)	0.000594 g/Serving Size
Trans Fatty Acids (Acid Form)	<0.00013 g/Serving Size
Omega 3 Fatty Acids	0.00016 g/Serving Size
Omega 6 Fatty Acids	0.000456 g/Serving Size
Omega 9 Fatty Acids	0.00129 g/Serving Size
Total Fatty Acids	0.0431 g/Serving Size
4:0 Butyric	<0.00013 g/Serving Size
6:0 Caproic	<0.00013 g/Serving Size
8:0 Caprylic	0.0365 g/Serving Size
10:0 Capric	0.00142 g/Serving Size
12:0 Lauric	<0.00013 g/Serving Size
14:0 Myristic	<0.00013 g/Serving Size
14:1 Myristoleic	<0.00013 g/Serving Size
15:0 Pentadecanoic	0.00266 g/Serving Size
15:1 Pentadecenoic	<0.00013 g/Serving Size
16:0 Palmitic	0.00018 g/Serving Size
16:1 Palmitoleic	0.00023 g/Serving Size
17:0 Heptadecanoic	<0.00013 g/Serving Size
17:1 Heptadecenoic	<0.00013 g/Serving Size
18:0 Stearic	<0.00013 g/Serving Size
9c 18:1 Oleic	0.00129 g/Serving Size
18:2 Linoleic	0.000457 g/Serving Size
18:3 Gamma Linolenic	<0.00013 g/Serving Size
18:3 Alpha Linolenic	0.00016 g/Serving Size
18:4 Octadecatetraenoic	<0.00013 g/Serving Size

* This analysis or component is not ISO accredited.

Certificate of Analysis



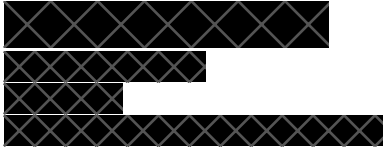
Sample Name:	Pet Releaf Sentesa 30mg Capsules	Eurofins Sample:	13539065
Project ID	██████████-20231120-0012	Receipt Date	21-Nov-2023
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	1123S204	Login Date	20-Nov-2023
Sample Serving Size	1 Cap	Date Started	21-Nov-2023
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	901-2023-E072594

Analysis	Result
Fatty Acids Calculated as Triglycerides	
20:0 Arachidic	<0.00013 g/Serving Size
20:1 Eicosenoic	<0.00013 g/Serving Size
20:2 Eicosadienoic	<0.00013 g/Serving Size
20:3 Eicosatrienoic (n3)	<0.00013 g/Serving Size
20:3 Homogamma Linolenic (n6)	<0.00013 g/Serving Size
20:4 Arachidonic (n3)	<0.00013 g/Serving Size
20:4 Arachidonic (n6)	<0.00013 g/Serving Size
20:5 Eicosapentaenoic	<0.00013 g/Serving Size
21:5 Heneicosapentaenoic	<0.00013 g/Serving Size
22:0 Behenic	<0.00013 g/Serving Size
22:1 Erucic	<0.00013 g/Serving Size
22:2 Docosadienoic	<0.00013 g/Serving Size
22:3 Docosatrienoic	<0.00013 g/Serving Size
22:4 Docosatetraenoic	<0.00013 g/Serving Size
22:5 Docosapentaenoic (n3)	<0.00013 g/Serving Size
22:5 Docosapentaenoic (n6)	<0.00013 g/Serving Size
22:6 Docosahexaenoic	<0.00013 g/Serving Size
24:0 Lignoceric	<0.00013 g/Serving Size
24:1 Nervonic	<0.00013 g/Serving Size
Total 18:1 trans	<0.00013 g/Serving Size
Total 18:1 cis	0.00143 g/Serving Size
Total 18:2 trans	<0.00013 g/Serving Size
Total 18:3 trans	<0.00013 g/Serving Size

Method References	Testing Location
Calculated Sample Weight (PREP)	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA

* This analysis or component is not ISO accredited.

Certificate of Analysis



Method References

Testing Location

Fatty Acids Calculated as Triglycerides (FALT_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Method No. 996.06, Official Methods of Analysis of the AOAC INTERNATIONAL (modified), 19th Ed., AOAC INTERNATIONAL: Gaithersburg, Maryland (2012).

Official Methods and Recommended Practices of the AOCS, Official methods Ce 2b-11 (2011), Ce 1h-05 (2009), Ce 1j-07 (2013), Ce 2-66 (2009), The American Oil Chemists' Society, Champaign, IL (modified).

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

Approved: Paul Gennings QC 12-15-23