

CERTIFICATE OF ANALYSIS

Prepared for:
Pet Releaf

8100 Southpark Way
Littleton, CO USA 80120

Pet Releaf 100 Hibiscus


Batch ID or Lot Number: 2310C	Test: Potency	Reported: 23Oct2023	USDA License: N/A
Matrix: Unit	Test ID: T000259356	Started: 20Oct2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 19Oct2023	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.752	5.897	<LOQ	<LOQ	# of Servings = 1 Sample Weight=28g
Cannabichromenic Acid (CBCA)	1.603	5.394	ND	ND	
Cannabidiol (CBD)	6.609	15.773	111.053	3.97	
Cannabidiolic Acid (CBDA)	6.779	16.178	ND	ND	
Cannabidivarin (CBDV)	1.563	3.730	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.828	6.749	ND	ND	
Cannabigerol (CBG)	0.995	3.348	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	4.159	13.997	ND	ND	
Cannabinol (CBN)	1.298	4.368	ND	ND	
Cannabinolic Acid (CBNA)	2.838	9.550	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.955	16.676	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.500	15.145	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.987	13.418	ND	ND	
Tetrahydrocannabivarin (THCV)	0.905	3.046	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.517	11.835	ND	ND	
Total Cannabinoids			111.053	3.97	
Total Potential THC			ND	ND	
Total Potential CBD			111.053	3.97	

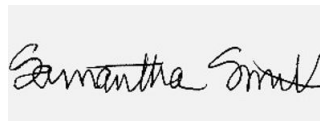
Approved: Paul Gennings QC 10-30-23

Final Approval



Karen Winternheimer
23Oct2023
10:26:00 AM MDT

PREPARED BY / DATE



Sam Smith
23Oct2023
10:28:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1ba57db6-6ef4-4131-9785-d6d1020d7f8b>

Definitions

% = % (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)).

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 Relleaf

8100 Southpark Way
Littleton, CO USA 80120


Pet Relleaf 100 Hibiscus

Batch ID or Lot Number: 2310C	Test: Microbial Contaminants	Reported: 23Oct2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000259357	Started: 19Oct2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 19Oct2023	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



Eden Thompson-Wright
23Oct2023
10:27:00 AM MDT



Brett Hudson
23Oct2023
01:03:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/93630ed8-a252-45fd-b574-8560d150b000>

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

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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 100 Hibiscus

Batch ID or Lot Number: 2310C	Test: Heavy Metals	Reported: 25Oct2023	USDA License: NA
Matrix: Finished Product	Test ID: T000259359	Started: 24Oct2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 19Oct2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.43	ND	
Cadmium	0.05 - 4.55	ND	
Mercury	0.05 - 4.67	ND	
Lead	0.05 - 4.64	ND	

Final Approval



Sam Smith
25Oct2023
01:58:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
25Oct2023
02:05:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/4df2bfce-23f8-4bfc-b0da-ff261de02b3b>

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

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Prepared for:
Pet Releaf

8100 Southpark Way
Littleton, CO USA 80120

Pet Releaf 100 Hibiscus

Batch ID or Lot Number: 2310C	Test: Microbial Contaminants	Reported: 30Oct2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000259358	Started: 24Oct2023	Sampler ID: NA
	Method(s):	Received: 19Oct2023	Status: NA

Microbial Contaminants

	Method	LOD	Quantitation Range	Result	Notes
<i>Staphylococcus aureus</i>	TM33: Culture Plating	10 ¹ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter

Final Approval



Brett Hudson
29Oct2023
02:02:00 PM MDT

PREPARED BY / DATE



Eden Thompson-Wright
30Oct2023
09:29:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5e09e969-b3d4-4355-b9e9-ad293433d227>

Definitions

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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

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