

CERTIFICATE OF ANALYSIS

Prepared for:
Pet Releaf

8100 Southpark Way
Littleton, CO USA 80120

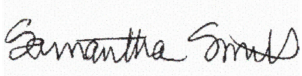
Pet Releaf Hibiscus 300

Batch ID or Lot Number: 2301L	Test: Potency	Reported: 20Mar2023	USDA License: N/A
Matrix: Solution	Test ID: T000238697	Started: 17Mar2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD); Potency – Standard Cannabinoid Analysis	Received: 16Mar2023	Status: Active

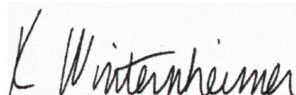
Cannabinoids	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.067	0.201	0.423	0.41	Density = 1.03021g/mL
Cannabichromenic Acid (CBCA)	0.061	0.184	ND	ND	
Cannabidiol (CBD)	0.192	0.550	12.253	11.89	
Cannabidiolic Acid (CBDA)	0.196	0.564	ND	ND	
Cannabidivarin (CBDV)	0.045	0.130	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.082	0.235	ND	ND	
Cannabigerol (CBG)	0.038	0.114	ND	ND	
Cannabigerolic Acid (CBGA)	0.158	0.476	ND	ND	
Cannabinol (CBN)	0.049	0.149	ND	ND	
Cannabinolic Acid (CBNA)	0.108	0.325	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.188	0.567	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.171	0.515	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.152	0.457	ND	ND	
Tetrahydrocannabivarin (THCV)	0.034	0.104	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.134	0.403	ND	ND	
Total Cannabinoids			12.676	12.30	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			12.253	11.89	

APPROVED: Richie Bryan QA/QC 3/20/2023

Final Approval


Samantha Smith
20Mar2023
10:03:00 AM MDT

PREPARED BY / DATE


Karen Winternheimer
20Mar2023
10:09:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/14dbb096-f975-4fb7-8058-81e168e6317d>

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 Accredited by A2LA.



Cert #4329.02

CDPHE Certified

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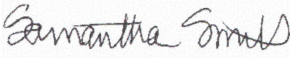
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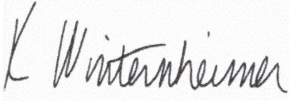
Ultra Releaf 300 Hibiscus

Batch ID or Lot Number: 2301L	Test: Heavy Metals	Reported: 05Apr2023	USDA License: NA
Matrix: Unit Co	Test ID: T000240120	Started: 04Apr2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 30Mar2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.06	ND	
Cadmium	0.05 - 4.56	ND	
Mercury	0.04 - 4.27	ND	
Lead	0.05 - 4.52	ND	

Final Approval


 Sam Smith
 05Apr2023
 03:03:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 05Apr2023
 03:31:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b17bc78f-f346-4e49-86e1-67f1ace18ac7>

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 Accredited by A2LA.



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CDPHE Certified
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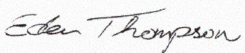
Pet Releaf Hibiscus 300

Batch ID or Lot Number: 2301L	Test: Microbial Contaminants	Reported: 13Mar2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000238048	Started: 02Mar2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 09Mar2023	Status: Active

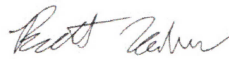
Microbial

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	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	2.0x10 ² CFU/g	
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
13Mar2023
03:55:00 PM MDT



Brett Hudson
14Mar2023
06:04:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/2314d852-db42-495b-8b81-47487eb79426>

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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