SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
AD Forward Solutions
919 Haywood Rd Unit 111
Asheville, NC 28806

White Guava 10/28/2024

Batch ID or Lot Number:	Test:	Reported:	USDA License:
WG10282024	**Dry Weight Potency**	**12Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000293101	10Nov2024	NA
	Method(s): TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	Received: 08Nov2024	Status: NA

Cannabinoids

	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.023	0.071	ND	ND	
Cannabichromenic Acid (CBCA)	0.021	0.065	0.245	0.226 - 0.264	
Cannabidiol (CBD)	0.080	0.190	ND	ND	
Cannabidiolic Acid (CBDA)	0.082	0.195	ND	ND	
Cannabidivarin (CBDV)	0.019	0.045	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.034	0.082	ND	ND	
Cannabigerol (CBG)	0.013	0.040	0.057	0.053 - 0.061	
Cannabigerolic Acid (CBGA)	0.056	0.169	0.545	0.503 - 0.587	
Cannabinol (CBN)	0.017	0.053	ND	ND	
Cannabinolic Acid (CBNA)	0.038	0.115	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.066	0.201	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.060	0.183	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.053	0.162	24.812	22.894 - 26.730	
Tetrahydrocannabivarin (THCV)	0.012	0.037	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.047	0.143	ND	ND	
Total Cannabinoids			**25.659**	**23.649 - 27.669**	
Total Potential THC			21.760	20.065 - 23.456	

Final Approval

Judith Marquez
12Nov2024
09:40:00 AM MST

PREPARED BY / DATE

Karen Winternheimer
12Nov2024
12:55:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/163a78fa-f451-4700-8008-f076b6faaeab

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Percentage of Delta 9-THC on a dry weight basis = The percentage of Delta 9-THC by weight in cannabis item after excluding all moisture from the item. 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.

Cert #4329.02
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Batch ID or Lot Number:	Test:	Reported:	USDA License:
WG10282024	**Heavy Metals**	**12Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant Material	T000293104	11Nov2024	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	08Nov2024	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.32	ND	
Cadmium	0.04 - 4.39	ND	
Mercury	0.05 - 4.67	ND	
Lead	0.05 - 4.82	ND	

Final Approval

Judith Marquez
12Nov2024
12:45:00 PM MST
PREPARED BY / DATE

Sam Smith
12Nov2024
02:36:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/ca7aa470-cd6c-439a-bf98-b3479f92de88

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

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White Guava 10/28/2024

Batch ID or Lot Number:	Test:	Reported:	USDA License:
WG10282024	**Microbial Contaminants**	**15Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000293103	11Nov2024	NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 08Nov2024	Status: NA

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	$1.0x10^2$ - $1.5x10^4$	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10^2 CFU/g	$1.0x10^3$ - $1.5x10^5$	<LLOQ	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Brett Hudson
15Nov2024
02:44:00 PM MST
PREPARED BY / DATE

Nora Langer
15Nov2024
02:52:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/559f5488-7f0c-4bcd-989d-ee686dd4f00a

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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 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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Batch ID or Lot Number:	Test:	Reported:	USDA License:
WG10282024	**Pesticides**	**13Nov2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Plant	T000293102	12Nov2024	NA
	Method(s):	Received:	Status:
	TM16 (LC-QQ LC MS/MS)	08Nov2024	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	124 - 1751	ND
Acephate	42 - 2808	ND
Acetamiprid	43 - 2743	ND
Azoxystrobin	80 - 2709	ND
Bifenazate	286 - 2688	ND
Boscalid	267 - 2671	ND
Carbaryl	42 - 2706	ND
Carbofuran	42 - 2699	ND
Chlorantraniliprole	252 - 2757	ND
Chlorpyrifos	277 - 2745	ND
Clofentezine	289 - 2737	ND
Diazinon	286 - 2700	ND
Dichlorvos	320 - 2667	ND
Dimethoate	43 - 2757	ND
E-Fenpyroximate	300 - 2735	ND
Etofenprox	44 - 2754	ND
Etoxazole	42 - 2682	ND
Fenoxycarb	314 - 2657	ND
Fipronil	301 - 2729	ND
Flonicamid	53 - 2840	ND
Fludioxonil	304 - 2727	ND
Hexythiazox	294 - 2747	ND
Imazalil	39 - 2639	ND
Imidacloprid	40 - 2799	ND
Kresoxim-methyl	288 - 2721	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	306 - 2641	ND
Metalaxyl	290 - 2701	ND
Methiocarb	39 - 2758	ND
Methomyl	44 - 2803	ND
MGK 264 1	190 - 1582	ND
MGK 264 2	100 - 1099	ND
Myclobutanil	45 - 2687	ND
Naled	291 - 2678	ND
Oxamyl	43 - 2807	ND
Paclobutrazol	43 - 2708	ND
Permethrin	265 - 2805	ND
Phosmet	287 - 2573	ND
Prophos	256 - 2752	ND
Propoxur	45 - 2700	ND
Pyridaben	42 - 2775	ND
Spinosad A	33 - 2079	ND
Spinosad D	12 - 662	ND
Spiromesifen	15 - 2750	ND
Spirotetramat	295 - 2719	ND
Spiroxamine 1	17 - 1017	ND
Spiroxamine 2	22 - 1614	ND
Tebuconazole	302 - 2649	ND
Thiacloprid	43 - 2779	ND
Thiamethoxam	39 - 2795	ND
Trifloxystrobin	44 - 2717	ND

Final Approval

Sam Smith
13Nov2024
11:39:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
13Nov2024
11:40:00 AM MST
APPROVED BY / DATE

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

Cert #4329.02
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