

White Guava 10/28/2024

Batch ID or Lot Number: WG10282024	Test, Test ID and Methods: Various	Matrix: Plant Material	Page 1 of 3
Reported: 12Nov2024	Started: 11Nov2024	Received: 08Nov2024	

Heavy Metals


Test ID: T000293104

Methods: TM19 (ICP-MS): 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


Sam Smith
12Nov2024
02:36:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE


Cannabinoids


Test ID: T000293101

Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)

	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


Karen Winterheimer
12Nov2024
12:55:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

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Pesticides


Test ID: T000293102

Methods: TM16

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	124 - 1751	ND		Malathion	306 - 2641	ND
Acephate	42 - 2808	ND		Metalaxyl	290 - 2701	ND
Acetamiprid	43 - 2743	ND		Methiocarb	39 - 2758	ND
Azoxystrobin	80 - 2709	ND		Methomyl	44 - 2803	ND
Bifenazate	286 - 2688	ND		MGK 264 1	190 - 1582	ND
Boscalid	267 - 2671	ND		MGK 264 2	100 - 1099	ND
Carbaryl	42 - 2706	ND		Myclobutanil	45 - 2687	ND
Carbofuran	42 - 2699	ND		Naled	291 - 2678	ND
Chlorantraniliprole	252 - 2757	ND		Oxamyl	43 - 2807	ND
Chlorpyrifos	277 - 2745	ND		Paclobutrazol	43 - 2708	ND
Clofentezine	289 - 2737	ND		Permethrin	265 - 2805	ND
Diazinon	286 - 2700	ND		Phosmet	287 - 2573	ND
Dichlorvos	320 - 2667	ND		Prophos	256 - 2752	ND
Dimethoate	43 - 2757	ND		Propoxur	45 - 2700	ND
E-Fenpyroximate	300 - 2735	ND		Pyridaben	42 - 2775	ND
Etofenprox	44 - 2754	ND		Spinosad A	33 - 2079	ND
Etoxazole	42 - 2682	ND		Spinosad D	12 - 662	ND
Fenoxycarb	314 - 2657	ND		Spiromesifen	15 - 2750	ND
Fipronil	301 - 2729	ND		Spirotetramat	295 - 2719	ND
Flonicamid	53 - 2840	ND		Spiroxamine 1	17 - 1017	ND
Fludioxonil	304 - 2727	ND		Spiroxamine 2	22 - 1614	ND
Hexythiazox	294 - 2747	ND		Tebuconazole	302 - 2649	ND
Imazalil	39 - 2639	ND		Thiacloprid	43 - 2779	ND
Imidacloprid	40 - 2799	ND		Thiamethoxam	39 - 2795	ND
Kresoxim-methyl	288 - 2721	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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Microbial Contaminants


Test ID: T000293103

Methods: TM25 (PCR) TM24, TM26,
TM27 (Culture Plating)

	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	<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


Nora Langer
15Nov2024
02:52:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/0ad01706-98e8-4722-bd23-1963e7d1ca36>

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.

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