

# **CERTIFICATE OF ANALYSIS**

### White Guava 10/28/2024

Batch ID or Lot Number: WG102820	Test, Test ID and Methods: Various	Matrix: Plant Material	Page 1 of 3
Reported:	Started:	Received:	
12Nov2024	11Nov2024	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

Sawantha Small 12Nov2024 02:36:00 PM MST

Sam Smith

PREPARED BY / DATE

APPROVED BY / DATE

#### Cannabinoids

Test ID: T000293101			Dry Wolaht		
Methods: TM14 (HPLC-DAD) \ TM21 (Karl Fischer)	LOD (%)	LOQ (%)	Dry Weight Result (%)	MU Range (%)	Notes
Cannabichromene (CBC)	0.023	0.071	ND	ND	Dried Sample Moisture
Cannabichromenic Acid (CBCA)	0.021	0.065	0.245	0.226 - 0.264	Content = 75.36%
Cannabidiol (CBD)	0.080	0.190	ND	ND	Measurement
Cannabidiolic Acid (CBDA)	0.082	0.195	ND	ND	<ul><li>Uncertainty = 7.73%</li><li>Results generated</li></ul>
Cannabidivarin (CBDV)	0.019	0.045	ND	ND	using a non-validated,
Cannabidivarinic Acid (CBDVA)	0.034	0.082	ND	ND	non-compliant method.
Cannabigerol (CBG)	0.013	0.040	0.057	0.053 - 0.061	For informational
Cannabigerolic Acid (CBGA)	0.056	0.169	0.545	0.503 - 0.587	purposes only.
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** 

PREPARED BY / DATE

Judith Marquez 12Nov2024 09:40:00 AM MST

Wintenheumer 12:55:00 PM MST

Karen Winternheimer 12Nov2024

APPROVED BY / DATE



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#### **Pesticides**

Test ID: T000293102 Methods: TM16

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	124 - 1751		
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**

Sawantha Small 13Nov2024 11:39:00 AM MST

Sam Smith

PREPARED BY / DATE

Whitenhume 11:40:00 AM MST APPROVED BY / DATE

Karen Winternheimer 13Nov2024



## CERTIFICATE OF ANALYSIS

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### Microbial

#### **Contaminants**

Test ID: T000293103

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

**Final Approval** 

Rest Tahu 15Nov

Brett Hudson 15Nov2024 02:44:00 PM MST

Fan Dage

Nora Langer 15Nov2024 02:52:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

#### 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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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