


Prepared for:

KAZMIRA
Support Square

Batch ID or Lot Number: PPC-037-177-1-01	Test: Metals	Reported: 10/22/21	Location: 34501 E. QUINCY AVE WAKTINS, CO 80137
Matrix: Unit Co	Test ID: T000170237	Started: 10/21/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 10/15/2021 @ 03:39 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.043 - 4.27	ND	
Cadmium	0.043 - 4.30	ND	
Mercury	0.043 - 4.26	ND	
Lead	0.046 - 4.62	ND	


 Sam Smith
 22-Oct-21
 11:06 AM

PREPARED BY / DATE


 Ryan Weems
 22-Oct-21
 11:09 AM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.



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Certificate #4329.02


Prepared for:

Support Square
KAZMIRA


Batch ID or Lot Number: PPC-037-177-1-01	Test: Microbial Contaminants	Reported: 10/22/21	Location: 34501 E. QUINCY AVE WAKTINS, CO 80137
Matrix: Finished Product	Test ID: T000170692	Started: 10/19/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 10/19/2021 @ 10:40 AM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	


 Brianne Maillot
 10/22/2021
 10:21:00 AM

PREPARED BY / DATE


 Carly Bader
 10/22/2021
 2:38:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* 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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Prepared for:

KAZMIRA
Support Square


Batch ID or Lot Number: PPC-037-177-1-01	Test: Mycotoxins	Reported: 10/25/21	Location: 34501 E. QUINCY AVE WAKTINS, CO 80137
Matrix: Concentrate	Test ID: T000170239	Started: 10/22/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 10/15/2021 @ 03:39 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.8 - 133.8	ND	N/A
Aflatoxin B1	1.3 - 34.2	ND	
Aflatoxin B2	0.9 - 33.6	ND	
Aflatoxin G1	1.2 - 33.8	ND	
Aflatoxin G2	1.1 - 32.8	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


 Ryan Weems
 25-Oct-21
 3:42 PM

PREPARED BY / DATE


 Sam Smith
 25-Oct-21
 3:45 PM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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Prepared for:


Support Square
KAZMIRA

Batch ID or Lot Number: PPC-037-177-1-01	Test: Pesticides	Reported: 10/21/21	Location: 34501 E. QUINCY AVE WAKTINS, CO 80137
Matrix: Concentrate	Test ID: T000170235	Started: 10/20/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 10/15/2021 @ 03:39 PM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	40	ND	Fenoxycarb	44	ND	Paclobutrazol	44	ND
Acetamiprid	40	ND	Fipronil	44	ND	Permethrin	282	ND
Avermectin	333	ND	Flonicamid	49	ND	Phosmet	48	ND
Azoxystrobin	39	ND	Fludioxonil	290	ND	Prophos	301	ND
Bifenazate	45	ND	Hexythiazox	44	ND	Propoxur	42	ND
Boscalid	43	ND	Imazalil	282	ND	Pyridaben	277	ND
Carbaryl	40	ND	Imidacloprid	47	ND	Spinosad A	38	ND
Carbofuran	43	ND	Kresoxim-methyl	150	ND	Spinosad D	57	ND
Chlorantraniliprole	52	ND	Malathion	304	ND	Spiromesifen	310	ND
Chlorpyrifos	500	ND	Metalaxyl	44	ND	Spirotetramat	325	ND
Clofentezine	286	ND	Methiocarb	46	ND	Spiroxamine 1	20	ND
Diazinon	320	ND	Methomyl	40	ND	Spiroxamine 2	27	ND
Dichlorvos	300	ND	MGK 264 1	173	ND	Tebuconazole	314	ND
Dimethoate	40	ND	MGK 264 2	119	ND	Thiacloprid	39	ND
E-Fenpyroximate	294	ND	Myclobutanil	47	ND	Thiamethoxam	41	ND
Etofenprox	45	ND	Naled	44	ND	Trifloxystrobin	45	ND
Etoxazole	324	ND	Oxamyl	1500	ND			


 Daniel Weidensaul
 10/21/2021
 2:14:00 PM


 Sam Smith
 10/21/2021
 2:21:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02

Prepared for:

Support Square
KAZMIRA


Batch ID or Lot Number: PPC-037-177-1-01	Test: Residual Solvents	Reported: 10/21/21	Location: 34501 E. QUINCY AVE WAKTINS, CO 80137
Matrix: N/A	Test ID: T000170238	Started: 10/21/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 10/15/2021 @ 03:39 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	59 - 1177	*ND	
Butanes (Isobutane, n-Butane)	118 - 2360	*ND	
Methanol	53 - 1063	*ND	
Pentane	69 - 1389	*ND	
Ethanol	83 - 1653	*ND	
Acetone	83 - 1661	*ND	
Isopropyl Alcohol	95 - 1901	*ND	
Hexane	5 - 100	*ND	
Ethyl Acetate	85 - 1700	*ND	
Benzene	0 - 3	*ND	
Heptanes	78 - 1567	*ND	
Toluene	16 - 321	*ND	
Xylenes (m,p,o-Xylenes)	122 - 2438	*ND	


 Karen Winternheimer
 21-Oct-21
 3:20 PM

PREPARED BY / DATE


 Sam Smith
 21-Oct-21
 3:28 PM

APPROVED BY / DATE

Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02



Kazmira LLC
34501 E. Quincy Avenue
Quincy, Colorado 80137
(720) 254-4593
405R-00016.65

Name: Support Square
Type: Other
ID: 211003159.24638
Batch ID: PPC 037-177-1-01
METRC Tag: 1A4000B00012FE9000002435

RECEIVED: 10/27/2021

TESTED: 10/28/2021

REPORTED: 10/28/2021

ANALYTE	LOD	LOQ	MU	AMOUNT	AMOUNT	LABEL	STATUS
	%	%	mg/unit	%	mg/unit	mg/unit	
THCa	0.03	0.060	0.000	<LOD	<LOD	-	TESTED
D9-THC	0.03	0.060	0.000	<LOD	<LOD	-	TESTED
D8-THC	0.03	0.060	0.000	<LOD	<LOD	-	TESTED
CBDa	0.03	0.060	0.000	<LOD	<LOD	-	TESTED
CBD	0.03	0.060	2.570	9.699	25.7	25	PASS
CBDVa	0.014	0.028	0.000	<LOD	<LOD	-	TESTED
CBDV	0.014	0.028	0.020	0.061	0.2	-	TESTED
CBN	0.014	0.028	0.000	<LOD	<LOD	-	TESTED
CBGa	0.014	0.028	0.000	<LOD	<LOD	-	TESTED
CBG	0.014	0.028	0.030	0.131	0.3	-	TESTED
CBCa	0.014	0.028	0.000	<LOD	<LOD	-	TESTED
CBC	0.014	0.028	0.000	<LOD	<LOD	-	TESTED
CBL	0.014	0.028	0.000	<LOD	<LOD	-	TESTED
Sum of Measured Cannabinoids*				9.891	26.200		



Unit : 1 patch | Units Per Package : 1

Analyte	Total*
Total THC	<LOD
Total CBD	25.70 mg/unit
Total CBG	0.30 mg/unit
Total CBDV	0.20 mg/unit

*Total is the sum of the neutral (active) cannabinoid and the completely converted acidic cannabinoid

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, MU = Measurement uncertainty, NR = Not Reported *Sum of measured cannabinoids is the sum of all quantified cannabinoids.

NOTES AND INTERPRETATIONS

Analyzed via AAM-001 using Agilent 1220 HPLC-DAD. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Tyler Dorsey
Associate Chemist

Results Approved By:
Luke Mason, MS
Lab Director



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