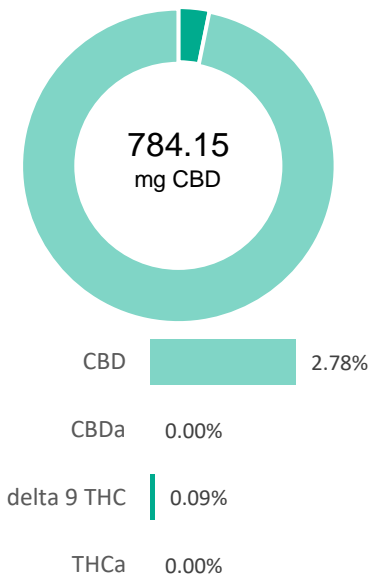


Black Pepper Tumeric

Batch ID: 6004177-002	Test ID: T000127564
Type: Unit	Submitted: 03/03/2021 @ 04:45 PM
Test: Potency	Started: 3/5/2021
Method: TM14	Reported: 3/8/2021

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	4.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.67	25.72	0.9
Cannabidiolic acid (CBDA)	5.38	ND	ND
Cannabidiol (CBD)	5.25	784.15	27.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	5.14	ND	ND
Cannabinolic Acid (CBNA)	2.94	ND	ND
Cannabinol (CBN)	1.35	2.17	0.1
Cannabigerolic acid (CBGA)	4.31	ND	ND
Cannabigerol (CBG)	1.03	19.42	0.7
Tetrahydrocannabivarinic Acid (THCVA)	3.65	ND	ND
Tetrahydrocannabivarin (THCV)	0.94	ND	ND
Cannabidivarinic Acid (CBDVA)	2.24	ND	ND
Cannabidivarin (CBDV)	1.24	2.24	0.1
Cannabichromenic Acid (CBCA)	1.66	ND	ND
Cannabichromene (CBC)	1.82	41.46	1.5
Total Cannabinoids		875.16	31.0
Total Potential THC**		25.72	0.9
Total Potential CBD**		784.15	27.8

NOTES:

of Servings = 1, Sample Weight=28.2g

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

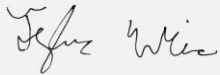

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

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

FINAL APPROVAL

 Tyler Wiese 8-Mar-2021 1:58 PM	 Ben Minton 8-Mar-2021 4:33 PM
--	--

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Black Pepper Tumeric

Batch ID:	6004177-002	Test ID:	T000127566
Type:	Edible	Submitted:	03/03/2021 @ 04:45 PM
Test:	Microbial Contaminants	Started:	3/4/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	3/7/2021

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
E. coli (STEC)	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit 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

NOTES:



Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL


Tori King
7-Mar-2021
6:26 PM
Scott Hansen
7-Mar-2021
9:05 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Black Pepper Tumeric

Batch ID:	6004177-002	Test ID:	T000127565
Type:	Concentrate	Submitted:	03/03/2021 @ 04:45 PM
Test:	Pesticides	Started:	3/9/2021
Method:	TM17	Reported:	3/10/2021


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2274	ND*	Malathion	264 - 2274	ND*
Acetamiprid	40 - 2274	ND*	Metalaxyl	36 - 2274	ND*
Abamectin	>202	ND*	Methiocarb	40 - 2274	ND*
Azoxystrobin	38 - 2274	ND*	Methomyl	38 - 2274	ND*
Bifenazate	39 - 2274	ND*	MGK 264 1	147 - 2274	ND*
Boscalid	38 - 2274	ND*	MGK 264 2	106 - 2274	ND*
Carbaryl	36 - 2274	ND*	Myclobutanil	43 - 2274	ND*
Carbofuran	40 - 2274	ND*	Naled	44 - 2274	ND*
Chlorantraniliprole	37 - 2274	ND*	Oxamyl	39 - 2274	ND*
Chlorpyrifos	33 - 2274	ND*	Paclobutrazol	41 - 2274	ND*
Clofentezine	262 - 2274	ND*	Permethrin	255 - 2274	ND*
Diazinon	254 - 2274	ND*	Phosmet	38 - 2274	ND*
Dichlorvos	>248	ND*	Prophos	264 - 2274	ND*
Dimethoate	41 - 2274	ND*	Propoxur	38 - 2274	ND*
E-Fenpyroximate	266 - 2274	ND*	Pyridaben	244 - 2274	ND*
Etofenprox	34 - 2274	ND*	Spinosad A	28 - 2274	ND*
Etoxazole	246 - 2274	ND*	Spinosad D	66 - 2274	ND*
Fenoxycarb	>40	ND*	Spiromesifen	>230	ND*
Fipronil	48 - 2274	ND*	Spirotetramat	>250	ND*
Flonicamid	47 - 2274	ND*	Spiroxamine 1	15 - 2274	ND*
Fludioxonil	>288	ND*	Spiroxamine 2	20 - 2274	ND*
Hexythiazox	30 - 2274	ND*	Tebuconazole	270 - 2274	ND*
Imazalil	255 - 2274	ND*	Thiacloprid	41 - 2274	ND*
Imidacloprid	41 - 2274	ND*	Thiamethoxam	38 - 2274	ND*
Kresoxim-methyl	41 - 2274	ND*	Trifloxystrobin	38 - 2274	ND*


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

N/A

FINAL APPROVAL

 Tyler Wiese
 10-Mar-2021
 3:12 PM

PREPARED BY / DATE

 Ben Minton
 10-Mar-2021
 3:49 PM

APPROVED BY / DATE

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Black Pepper Tumeric

Batch ID:	6004177-002	Test ID:	T000127568
Type:	Concentrate	Submitted:	03/03/2021 @ 04:45 PM
Test:	Residual Solvents	Started:	3/9/2021
Method:	TM04	Reported:	3/9/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	101 - 2014	*ND
Butanes (Isobutane, n-Butane)	198 - 3950	*ND
Methanol	57 - 1132	*ND
Pentane	92 - 1848	*ND
Ethanol	88 - 1763	*ND
Acetone	93 - 1865	*ND
Isopropyl Alcohol	93 - 1852	*ND
Hexane	6 - 112	*ND
Ethyl Acetate	91 - 1818	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	95 - 1893	*ND
Toluene	17 - 331	*ND
Xylenes (m,p,o-Xylenes)	116 - 2317	*ND

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

NOTES:
N/A**FINAL APPROVAL**
Ryan Weems
9-Mar-2021
5:52 PM
PREPARED BY / DATE
Greg Zimpfer
9-Mar-2021
6:29 PM
APPROVED BY / DATE

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Certificate #4329.02


Black Pepper Tumeric

Batch ID:	6004177-002	Test ID:	T000127567
Type:	Unit	Submitted:	03/03/2021 @ 04:45 PM
Test:	Metals	Started:	3/8/2021
Method:	TM19	Reported:	3/10/2021


HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.064 - 6.41	ND
Cadmium	0.067 - 6.66	ND
Mercury	0.063 - 6.32	ND
Lead	0.068 - 6.81	ND

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

FINAL APPROVAL
Ryan Weems
10-Mar-2021
11:03 AM

PREPARED BY / DATE


Greg Zimpfer
10-Mar-2021
2:48 PM

APPROVED BY / DATE

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