

Certificate of Analysis

Sample Information

CTLA ID: 11404

Date Received: 10/4/2019

Sample Name: Kannaway Premium Gold 15 g Applicator 3600mg

Lot Number: 27619
Customer: MM Inc.



Analysis	Method	MDL	Specification	Result	Units
Complete Micro					
Total Plate Count	USP <2021>	100	Report	<100	cfu/g
Total Coliforms	BAM CH.4	10	Report	<10	cfu/g
Escherichia coli	USP <2022>		Report	Negative	
Salmonella	USP <2022>		Report	Negative	
Staphylococcus aureus	USP <2022>		Report	Negative	
Yeast & Mold	USP <2021>	100	Report	<100	cfu/g
Heavy Metals					
Arsenic	USP <2232>	.001	Report	0.055	ppm
Cadmium	USP <2232>	.001	Report	<0.001	ppm
Lead	USP <2232>	.001	Report	<0.001	ppm
Mercury	USP <2232>	.001	Report	<0.001	ppm
Cannabinoid Concentration					
Total Cannabidiol (CBD)	HPLC	3.368	Report	3,668.073	mg/15 g
Total Tetrahydrocannabinol (THC)	HPLC	0.022	Report	0.168	%
CBD	HPLC	3.368	Report	3,659.922	mg/15 g
CBDA	HPLC	3.368	Report	9.294	mg/15 g
Δ9-ΤΗС	HPLC	3.368	Report	25.147	mg/15 g
THCA	HPLC	3.368	Report	ND	mg/15 g
Δ8-ΤΗС	HPLC	3.368	Report	ND	mg/15 g
THCV	HPLC	3.368	Report	ND	mg/15 g
CBDV	HPLC	3.368	Report	22.780	mg/15 g
CBDVA	HPLC	3.368	Report	ND	mg/15 g
CBGA	HPLC	3.368	Report	ND	mg/15 g

Quality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.



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CBG	HPLC	3.368	Report	5.664	mg/15 g
CBN	HPLC	3.368	Report	ND	mg/15 g
CBC	HPLC	3.368	Report	38.564	mg/15 g
CBL	HPLC	3.368	Report	12.265	mg/15 g
Pesticides					
Abamectin	USP <561>	.01	Report	ND	ppm
Acequinocyl	USP <561>	.01	Report	ND	ppm
Bifenazate	USP <561>	.01	Report	ND	ppm
Bifenthrin	USP <561>	.01	Report	ND	ppm
Cyfluthrin	USP <561>	.01	Report	ND	ppm
Cypermethrin	USP <561>	.01	Report	ND	ppm
Daminozide	USP <561>	.01	Report	ND	ppm
Dimethomorph	USP <561>	.01	Report	ND	ppm
Etoxazole	USP <561>	.01	Report	ND	ppm
Fenhexamid	USP <561>	.01	Report	ND	ppm
Flonicamid	USP <561>	.01	Report	ND	ppm
Fludioxonil	USP <561>	.01	Report	ND	ppm
Imidacloprid	USP <561>	.01	Report	ND	ppm
Myclobutanil	USP <561>	.01	Report	ND	ppm
Paclobutrazol	USP <561>	.01	Report	ND	ppm
Piperonyl Butoxide	USP <561>	.01	Report	ND	ppm
Pyrethrins	USP <561>	.01	Report	ND	ppm
Quintozene	USP <561>	.01	Report	ND	ppm
Spinetoram	USP <561>	.01	Report	ND	ppm

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Spinosad	USP <561>	.01 Report	ND	ppm
Spirotetramat	USP <561>	.01 Report	ND	ppm
Thiamethoxam	USP <561>	.01 Report	ND	ppm
Trifloxystrobin	USP <561>	.01 Report	ND	ppm
Plant Growth Regulators	USP <561>	.01 Report	ND	ppm
Residual Solvents				
Butanes	USP <467>	63 Report	ND	ppm
Heptanes	USP <467>	63 Report	ND	ppm
Propanes	USP <467>	63 Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = $\Delta 9$ -THC + $\Delta 8$ -THC

Total Cannabinoids = 3,773.636 mg/15 g