

# Certificate of Analysis

## Sample Information

CTLA ID: 9911  
 Date Received: 8/5/2019  
 Sample Name: KL-12213 Kannaway Pure Gold Liquid 1000 mg 4 oz  
 Lot Number: 20419  
 Customer: MM Inc.

Analysis	Method	MDL Specification	Result	Units
<b>Complete Micro</b>				
Total Plate Count	USP <2021>	100 Report	<100	cfu/g
Total Coliforms	BAM CH.4	10 Report	<10	cfu/g
<i>Escherichia coli</i>	USP <2022>	Report	Negative	
<i>Salmonella</i>	USP <2022>	Report	Negative	
<i>Staphylococcus aureus</i>	USP <2022>	Report	Negative	
Yeast & Mold	USP <2021>	100 Report	<100	cfu/g
<b>Heavy Metals</b>				
Arsenic	USP <2232>	.001 Report	0.001	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
<b>Cannabinoid Concentration</b>				
Total Cannabidiol (CBD)	HPLC	5.725 Report	973.432	mg/4 oz
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	5.725 Report	973.432	mg/4 oz
CBDA	HPLC	5.725 Report	ND	mg/4 oz
Δ9-THC	HPLC	5.725 Report	ND	mg/4 oz
THCA	HPLC	5.725 Report	ND	mg/4 oz
Δ8-THC	HPLC	5.725 Report	ND	mg/4 oz
THCV	HPLC	5.725 Report	ND	mg/4 oz
CBDV	HPLC	5.725 Report	ND	mg/4 oz
CBDVA	HPLC	5.725 Report	ND	mg/4 oz
CBGA	HPLC	5.725 Report	ND	mg/4 oz

  
 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	5.725 Report	ND	mg/4 oz
CBN	HPLC	5.725 Report	ND	mg/4 oz
CBC	HPLC	5.725 Report	ND	mg/4 oz
CBL	HPLC	5.725 Report	ND	mg/4 oz
<b>Pesticides</b>				
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
<b>Residual Solvents</b>				
Butanes	USP <467>	70 Report	ND	ppm
Heptanes	USP <467>	70 Report	ND	ppm
Propanes	USP <467>	70 Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

4 oz = 115.24 g

Density = 0.960 g/ml

Total Cannabinoids = 973.432 mg/4 oz

  
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