

Premium Full Spectrum Liquid 1000mg CBD 4oz

This Certificate represents exact test data from Third Party Lab analysis, performed in accordance with the requirements of ISO/IEC 17025, and is reported in its entirety.

Cannabinoid Profile & Potency

Test Date: 09/06/2018

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

ID	Weight %	Conc.
D9-THC	0.02 wt%	0.17 mg/mL
THCV	ND	ND
CBD	0.72 wt%	6.87 mg/mL
DBDV	0.02 wt%	0.19 mg/mL
CBG	0.01 wt%	0.10 mg/mL
CBC	0.03 wt%	0.29 mg/mL
CBN	ND	ND
THCA	ND	ND
CBDA	0.15 wt%	1.39 mg/mL
CBGA	ND	ND
Total	0.95 wt%	9.01 mg/mL
Max THC	0.02 wt%	0.17 mg/mL
Max CBD	0.85 wt%	8.09 mg/mL

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC= (0.877 x THCA) + THC. ND= None detected above the limits of detection (LLD)

Heavy Metal Analysis

Test Date: 08/31/2018

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Symbol	Metal	Conc.1	Units	MDL	ALL	Ingestion	Units	Status
As	Arsenic	ND	² Y!]Y	4	200	1500	² Y!]Y	PASS
Cd	Cadmium	ND	² Y!]Y	1	200	500	² Y!]Y	PASS
Hg	Mercury	ND	² Y!]Y	2	100	1500	² Y!]Y	PASS
Pb	Lead	ND	² Y!]Y	2	500	1000	² Y!]Y	PASS

CERTIFICATE OF ANALYSIS

LOT#: APM18066

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Microbiological Contaminants

Test Date: 08/27/2018

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Symbol	Analysis	Results	Units	Limits*	Status
AC	Total Aerobic Bacterial Count	<100	CFU/g	100,000 CFU/g	PASS
CC	Total Coliform Bacterial Count	<100	CFU/g	1,000 CFU/g	PASS
EB	Total Bile Tolerant Gram Negative Count	<100	CFU/g	1,000 CFU/g	PASS
YM	Total East & Mold	<100	CFU/g	10,000 CFU/g	PASS

Note: All recorded Microbiological test are within the established limits.

Pathogenic Bacterial Contaminants

Test Date: 08/28/2018

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Test ID	Analysis	Results	Units	Limits*	Status
41441-ECPT	E. coli (0157)	Negative	NA	Non Detected	PASS
41441-SPT	Salmonella	Negative	NA	Non Detected	PASS

Note: All recorded pathogenic bacteria tests passed.

Mycotoxin Testing

Test Date: 08/30/2018

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Test ID	Results	MDL	Limits*	Status
Total Aflatoxin	<MDL	3 ppb	<20 ppb	PASS
Total Ochratoxin	<MDL	2 ppb	<20 ppb	PASS

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Pesticide Analysis
Test Date: 09/05/2018

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.20	300	PASS
Abamectin Blb	65195-56-4	ND	ppb	0.20	300	*
Azoxystrobin	131860-33-8	ND	ppb	0.10	40000	PASS
Bifenazate	149877-41-8	ND	ppb	0.10	5000	PASS
Bifenthrin	82657-04-3	ND	ppb	0.20	500	PASS
Cyfluthrin	68359-37-5	ND	ppb	0.50	1000	PASS
Daminozide	1596-84-5	ND	ppb	10.00	10	PASS
Etoxazole	153233-91-1	ND	ppb	0.10	1500	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.10	10	PASS
Imazalil	35554-44-0	ND	ppb	0.10	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.10	3000	PASS
Myclobutanil	88671-89-0	ND	ppb	0.10	9000	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.10	10	PASS
Piperonyl	51-03-6	ND	ppb	0.10	8000	PASS
butoxide Pyrethrin	8003-34-7	ND	ppb	0.1	1000	PASS
Spinosad	168316-95-8	ND	ppb	0.1	3000	PASS
Spiromesifen	283594-90-1	ND	ppb	0.10	12000	PASS
Spirotetramat	203313-25-1	ND	ppb	0.10	13000	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.10	30000	PASS

* Testing limits for ingestion established by the State of California: CCR, Title 16, Division 42, Chapter 5, Section 5313. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

END OF REPORT

CERTIFICATE OF ANALYSIS

LOT#: APM18066