

Certificate of Analysis

Twin Arbor Analytical

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TWIN ARBOR

PREPARED FOR:

PL Supplements
1230 NW 5th St
Oklahoma City, OK 73106

Batch ID: OT500-200214-2

Report Date

2/24/2020

Sample ID

Broad Spec 500 MCT

Sample Type

Tincture

Internal Sample ID

200218-75-1.1

Lab Batch ID

200224-1

Date of Analysis

2/24/2020

Analysis: Cannabinoids

Instrumentation: HPLC/DAD

Instrument ID: HPLC 1

Method: TM0002 (Twin Arbor Analytical Proprietary)

	LOD / LOQ (mg/g)	mg/g	% by weight
CBD	0.17/0.51	18.4	1.84
CBDA	0.31/0.94	ND	ND
Total CBD *		18.4	1.84
Δ 9-THC	0.21/0.65	ND	ND
THCA	0.39/1.19	ND	ND
Total THC *		N/A	N/A
CBG	0.008/0.024	ND	ND
CBGA	0.09/0.28	ND	ND
Total CBG *		N/A	N/A
CBC	0.024/0.073	0.2	0.02
CBDV	0.018/0.055	ND	ND
CBN	0.009/0.029	0.3	0.03
Δ 8-THC	0.38/1.16	ND	ND
THCV	0.13/0.41	ND	ND
Total Tested Cannabinoids		18.9	1.89

% by weight



Moisture Content: **NT**

NOTE:

With a density of 0.965 g/mL, the CBD concentration converts to 17.8 mg/mL or 524 mg per 1 oz. bottle.

Revision 1 - Retested CBC, CBDV, CBG and CBN with higher sensitivity - 2/28/2020 - CG

ND = Not Detected

NT = Not Tested

* Totals account for decarboxilation of the acid and equal $XXX + (XXXX * 0.877)$

For example: Total THC = Δ 9-THC + (THCA * 0.877)

Forrest Richmond
Laboratory Manager

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