



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794

Report Number: 24-003744/D006.R000
Report Date: 04/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/05/24 10:56



Customer: KP40323 KANNA PHARMA
Product identity: 6000mg CBD FS
Client/Metric ID:
Laboratory ID: 24-003744-0002

Summary

Potency:

Analyte	Result	Limits	Units	Status	
CBD	21.4		%		CBD-Total per Serving Size 202 mg/1ml
CBG	0.498		%		
CBN	0.386		%		THC-Total per Serving Size 1.91 mg/1ml
Δ9-THC	0.202		%		
Analyte per 1ml	Result	Limits	Units	Status	
CBD per 1ml	202		mg/1ml		CBD-Total per Serving Size 6070 mg/30ml
CBG per 1ml	4.71		mg/1ml		
CBN per 1ml	3.65		mg/1ml		THC-Total per Serving Size 57.3 mg/30ml
Δ9-THC per 1ml	1.91		mg/1ml		(Reported in milligrams per serving)
Analyte per 30ml	Result	Limits	Units	Status	
CBD per 30ml	6070		mg/30ml		
CBG per 30ml	141		mg/30ml		
CBN per 30ml	109		mg/30ml		
Δ9-THC per 30ml	57.3		mg/30ml		



Customer: Kanna Pharma
EUA Florida
2106 NW - 4th Place
Gainesville, 32603

Product identity: KP40323 Kanna 6000mg CBD

Client/Metric ID:

Sample Date:

Laboratory ID: 24-003744-0002

Evidence of Cooling: No

Temp: 16.6 °C

Serving Size #1: 0.945 g

Serving Size #2: 28.347 g

Density: 0.9449 g/ml



Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod)	Units %	Batch: 2402718	Analyze: 4/10/24 9:14:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD [±]	21.4		%	0.331	
CBD-A [±]	< LOQ		%	0.00331	
CBD-Total	21.4		%	0.334	
CBG	0.498		%	0.00331	
CBG-A	< LOQ		%	0.00331	
CBG-Total	0.498		%	0.00618	
CBN	0.386		%	0.00331	
Δ10-THC-9R	< LOQ		%	0.00331	
Δ10-THC-9S	< LOQ		%	0.00331	
Δ10-THC-Total	< LOQ		%	0.00662	
Δ8-THC [±]	< LOQ		%	0.00331	
Δ9-THC [±]	0.202		%	0.00331	
THC-A [±]	< LOQ		%	0.00331	
THC-Total	0.202		%	0.00622	
Total Cannabinoids	22.5		%		

Potency per 1ml	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2402718	Analyze: 4/10/24 9:14:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 1ml	202		mg/1ml	3.13	
CBD-A per 1ml [±]	< LOQ		mg/1ml	0.0313	
CBD-Total per 1ml [±]	202		mg/1ml	3.16	
CBG per 1ml	4.71		mg/1ml	0.0313	
CBG-A per 1ml	< LOQ		mg/1ml	0.0313	
CBG-Total per 1ml	4.71		mg/1ml	0.0584	
CBN per 1ml	3.65		mg/1ml	0.0313	
Δ10-THC-9R per 1ml	< LOQ		mg/1ml	0.0313	
Δ10-THC-9S per 1ml	< LOQ		mg/1ml	0.0313	
Δ10-THC-Total per 1ml	< LOQ		mg/1ml	0.0626	
Δ8-THC per 1ml [±]	< LOQ		mg/1ml	0.0313	



Potency per 1ml **Method:** J AOAC 2015 V98-6 (mod) **Units mg/se** **Batch:** 2402718 **Analyze:** 4/10/24 9:14:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
Δ9-THC per 1ml [±]	1.91		mg/1ml	0.0313	
THC-A per 1ml [±]	< LOQ		mg/1ml	0.0313	
THC-Total per 1ml	1.91		mg/1ml	0.0587	

Potency per 30ml **Method:** J AOAC 2015 V98-6 (mod) **Units mg/se** **Batch:** 2402718 **Analyze:** 4/10/24 9:14:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 30ml	6070		mg/30ml	93.9	
CBD-A per 30ml	< LOQ		mg/30ml	0.939	
CBD-Total per 30ml	6070		mg/30ml	94.7	
CBG per 30ml	141		mg/30ml	0.939	
CBG-A per 30ml	< LOQ		mg/30ml	0.939	
CBG-Total per 30ml	141		mg/30ml	1.75	
CBN per 30ml	109		mg/30ml	0.939	
Δ10-THC-9R per 30ml	< LOQ		mg/30ml	0.939	
Δ10-THC-9S per 30ml	< LOQ		mg/30ml	0.939	
Δ8-THC per 30ml	< LOQ		mg/30ml	0.939	
Δ9-THC per 30ml	57.3		mg/30ml	0.939	
THC-A per 30ml	< LOQ		mg/30ml	0.939	
THC-Total per 30ml	57.3		mg/30ml	1.76	



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

Units of Measure

g = g

mg/1ml = Milligram per 1ml

mg/30ml = Milligram per 30ml

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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**Hemp & Cannabis
 Chain of Custody**

**ZeroPointExtraction-
 1712165043**

ORELAP ID: **OR1000028** ANAB ISO 17025 ID: **AT1508**

Company Details		Project Details		Testing
Company: <u>ZeroPointExtraction</u> Contact: <u>rick.ezrine</u> Street Address: <u>2615 SW Cessna, suite 101</u> City, State, Zip: <u>Prineville, OR 97754</u> Email: <u>rick@zeropointextraction.com</u> Contact Phone: <u>5419129109</u> Company Phone: <u>5419129109</u>		Receipt Information Pre-Log Storage: Canna Shelves Sample Condition: Satisfactory		H0004 - Potency Cannabis (Basic)
Billing Information Billing Phone: <u>5419129109</u> Billing Email: <u>rick@zeropointextraction.com</u>		Project Details Turnaround Time: <u>5 Business Days Req. For Micro Testing Standard</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Compliance: <u>Compliance</u>		
#	Sample Name	Material	Amount Provided	Reporting Unit
1	KP40322 Kanna 3000mg CBD	Cannabinoid Tincture	30 ml	% (by mass/mass)
2	KP40323 Kanna 6000mg CBD	Cannabinoid Tincture	30 ml	% (by mass/mass)
3	KP40324 Kanna 3000mg CBD BS	Cannabinoid Tincture	30 ml	% (by mass/mass)
4	KP40325 1500mg cbd&d8	Cannabinoid Tincture	30 ml	% (by mass/mass)

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>rick ezrine</i>	<i>04/03/2024</i>	<i>10:24</i>	<i>ont</i>	<i>04/05/2024</i>	<i>09:57</i>	<i>16.60</i>	<i>No</i>

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories
 12423 NE Whitaker Way
 Portland, OR 97230

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Revision: 4 Document ID: 7148
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2402752

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0756	0.0748	%	101	80.0	- 120	Acceptable	
CBDV	2	0.0777	0.0799	%	97.2	80.0	- 120	Acceptable	
CBE	2	0.0817	0.0804	%	102	80.0	- 120	Acceptable	
CBDA	1	0.0723	0.0711	%	102	90.0	- 110	Acceptable	
CBGA	1	0.0712	0.0706	%	101	80.0	- 120	Acceptable	
CBG	1	0.0793	0.0793	%	100.0	80.0	- 120	Acceptable	
CBD	1	0.0770	0.0762	%	101	90.0	- 110	Acceptable	
THCV	2	0.0818	0.0822	%	99.5	80.0	- 120	Acceptable	
d8THCV	2	0.0514	0.0522	%	98.4	80.0	- 120	Acceptable	
THCVA	2	0.0737	0.0732	%	101	80.0	- 120	Acceptable	
CBN	1	0.0708	0.0736	%	96.3	80.0	- 120	Acceptable	
exo-THC	2	0.0787	0.0820	%	95.9	80.0	- 120	Acceptable	
d9THC	1	0.0763	0.0789	%	96.6	90.0	- 110	Acceptable	
d8THC	1	0.0673	0.0692	%	97.3	90.0	- 110	Acceptable	
9S-d10THC	1	0.0706	0.0741	%	95.3	80.0	- 120	Acceptable	
CBL	2	0.0809	0.0811	%	99.7	80.0	- 120	Acceptable	
9R-d10THC	1	0.0692	0.0721	%	96.0	80.0	- 120	Acceptable	
CBC	2	0.0802	0.0814	%	98.5	80.0	- 120	Acceptable	
THCA	1	0.0681	0.0704	%	96.7	90.0	- 110	Acceptable	
CBCA	2	0.0790	0.0755	%	105	80.0	- 120	Acceptable	
CBLA	2	0.0818	0.0797	%	103	80.0	- 120	Acceptable	
d9THCP	2	0.0726	0.0762	%	95.2	80.0	- 120	Acceptable	
CBT	2	0.0731	0.0805	%	90.9	80.0	- 120	Acceptable	

Method Blank						
Analyte	Result	LOQ	Units	Limits		Evaluation
CBDVA	<LOQ	0.00710	%	< 0.00710		Acceptable
CBDV	<LOQ	0.00710	%	< 0.00710		Acceptable
CBE	<LOQ	0.00710	%	< 0.00710		Acceptable
CBDA	<LOQ	0.00710	%	< 0.00710		Acceptable
CBGA	<LOQ	0.00710	%	< 0.00710		Acceptable
CBG	<LOQ	0.00710	%	< 0.00710		Acceptable
CBD	<LOQ	0.00710	%	< 0.00710		Acceptable
THCV	<LOQ	0.00710	%	< 0.00710		Acceptable
d8THCV	<LOQ	0.00710	%	< 0.00710		Acceptable
THCVA	<LOQ	0.00710	%	< 0.00710		Acceptable
CBN	<LOQ	0.00710	%	< 0.00710		Acceptable
exo-THC	<LOQ	0.00710	%	< 0.00710		Acceptable
d9THC	<LOQ	0.00710	%	< 0.00710		Acceptable
d8THC	<LOQ	0.00710	%	< 0.00710		Acceptable
9S-d10THC	<LOQ	0.00710	%	< 0.00710		Acceptable
CBL	<LOQ	0.00710	%	< 0.00710		Acceptable
9R-d10THC	<LOQ	0.00710	%	< 0.00710		Acceptable
CBC	<LOQ	0.00710	%	< 0.00710		Acceptable
THCA	<LOQ	0.00710	%	< 0.00710		Acceptable
CBCA	<LOQ	0.00710	%	< 0.00710		Acceptable
CBLA	<LOQ	0.00710	%	< 0.00710		Acceptable
d9THCP	<LOQ	0.00710	%	< 0.00710		Acceptable
CBT	<LOQ	0.00710	%	< 0.00710		Acceptable

Abbreviations
 ND - None Detected at or above MRL
 RPD - Relative Percent Difference
 LOQ - Limit of Quantitation

Units of Measure:
 % - Percent



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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2402752						
Sample Duplicate		Sample ID: 24-003854-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	0.884	0.887	0.0687	%	0.356	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
CBD	6.95	6.99	0.0687	%	0.464	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
CBG	1.86	1.86	0.0687	%	0.377	< 20	Acceptable	
CBD	0.326	0.313	0.0687	%	4.18	< 20	Acceptable	
THCV	0.568	0.567	0.0687	%	0.239	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
THCVA	0.143	0.155	0.0687	%	8.53	< 20	Acceptable	
CBN	0.628	0.638	0.0687	%	1.61	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
d9THC	73.2	73.7	0.0687	%	0.674	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
CBC	0.656	0.651	0.0687	%	0.682	< 20	Acceptable	
THCA	0.281	0.284	0.0687	%	1.16	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
d9THCP	<LOQ	<LOQ	0.0687	%	NA	< 20	Acceptable	
CBT	1.17	1.01	0.0687	%	15.4	< 20	Acceptable	

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.