



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

**Report Number:** 24-003744/D005.R000  
**Report Date:** 04/12/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/05/24 10:56



**Customer:** KP40322 KANNA PHARMA  
**Product identity:** 3000mg CBD FS  
**Client/Metric ID:**  
**Laboratory ID:** 24-003744-0001

### Summary

**Potency:**

Analyte	Result	Limits	Units	Status	
CBD	10.8		%		CBD-Total per Serving Size 102 mg/1ml
CBG	0.241		%		
CBN	0.148		%		THC-Total per Serving Size 2.35 mg/1ml
Δ9-THC	0.249		%		
Analyte per 1ml	Result	Limits	Units	Status	
CBD per 1ml	102		mg/1ml		CBD-Total per Serving Size 3060 mg/30ml
CBG per 1ml	2.28		mg/1ml		
CBN per 1ml	1.40		mg/1ml		THC-Total per Serving Size 70.6 mg/30ml
Δ9-THC per 1ml	2.35		mg/1ml		(Reported in milligrams per serving)
Analyte per 30ml	Result	Limits	Units	Status	
CBD per 30ml	3060		mg/30ml		
CBG per 30ml	68.3		mg/30ml		
CBN per 30ml	42.0		mg/30ml		
Δ9-THC per 30ml	70.6		mg/30ml		



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

**Product identity:** KP40322 Kanna 3000mg CBD FS

**Client/Metric ID:**

**Sample Date:**

**Laboratory ID:** 24-003744-0001

**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 8:58:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD <sup>±</sup>	10.8		%	0.323	
CBD-A <sup>±</sup>	< LOQ		%	0.00323	
CBD-Total	10.8		%	0.326	
CBG	0.241		%	0.00323	
CBG-A	< LOQ		%	0.00323	
CBG-Total	0.241		%	0.00602	
CBN	0.148		%	0.00323	
Δ10-THC-9R	< LOQ		%	0.00323	
Δ10-THC-9S	< LOQ		%	0.00323	
Δ10-THC-Total	< LOQ		%	0.00645	
Δ8-THC <sup>±</sup>	< LOQ		%	0.00323	
Δ9-THC <sup>±</sup>	0.249		%	0.00323	
THC-A <sup>±</sup>	< LOQ		%	0.00323	
THC-Total	0.249		%	0.00606	
<b>Total Cannabinoids</b>	<b>11.4</b>		%		

Potency per 1ml	Method: J AOAC 2015 V98-6 (mod)	Units mg/se	Batch: 2402718	Analyze: 4/10/24 8:58:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBD per 1ml	102		mg/1ml	3.05	
CBD-A per 1ml <sup>±</sup>	< LOQ		mg/1ml	0.0305	
CBD-Total per 1ml <sup>±</sup>	102		mg/1ml	3.08	
CBG per 1ml	2.28		mg/1ml	0.0305	
CBG-A per 1ml	< LOQ		mg/1ml	0.0305	
CBG-Total per 1ml	2.28		mg/1ml	0.0569	
CBN per 1ml	1.40		mg/1ml	0.0305	
Δ10-THC-9R per 1ml	< LOQ		mg/1ml	0.0305	
Δ10-THC-9S per 1ml	< LOQ		mg/1ml	0.0305	
Δ10-THC-Total per 1ml	< LOQ		mg/1ml	0.0610	
Δ8-THC per 1ml <sup>±</sup>	< LOQ		mg/1ml	0.0305	



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Potency per 1ml      **Method:** J AOAC 2015 V98-6 (mod)      **Units mg/se** **Batch:** 2402718      **Analyze:** 4/10/24 8:58:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
Δ9-THC per 1ml <sup>±</sup>	2.35		mg/1ml	0.0305	
THC-A per 1ml <sup>±</sup>	< LOQ		mg/1ml	0.0305	
THC-Total per 1ml	2.35		mg/1ml	0.0572	

Potency per 30ml      **Method:** J AOAC 2015 V98-6 (mod)      **Units mg/se** **Batch:** 2402718      **Analyze:** 4/10/24 8:58:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 30ml	3060		mg/30ml	91.5	
CBD-A per 30ml	< LOQ		mg/30ml	0.915	
CBD-Total per 30ml	3060		mg/30ml	92.3	
CBG per 30ml	68.3		mg/30ml	0.915	
CBG-A per 30ml	< LOQ		mg/30ml	0.915	
CBG-Total per 30ml	68.3		mg/30ml	1.71	
CBN per 30ml	42.0		mg/30ml	0.915	
Δ10-THC-9R per 30ml	< LOQ		mg/30ml	0.915	
Δ10-THC-9S per 30ml	< LOQ		mg/30ml	0.915	
Δ8-THC per 30ml	< LOQ		mg/30ml	0.915	
Δ9-THC per 30ml	70.6		mg/30ml	0.915	
THC-A per 30ml	< LOQ		mg/30ml	0.915	
THC-Total per 30ml	70.6		mg/30ml	1.72	

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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
- g/ml = Gram per milliliter
- 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>		<b>Receipt Information</b> Pre-Log Storage: Canna Shelves Sample Condition: Satisfactory		H0004 - Potency Cannabis (Basic)
<b>Billing Information</b> Billing Phone: <u>5419129109</u> Billing Email: <u>rick@zeropointextraction.com</u>		<b>Compliance</b> 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>		
#	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

P: (503) 254-1794  
[info@columbialaboratories.com](mailto:info@columbialaboratories.com)

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

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.