



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



Report Number: 24-003744/D004.R000
Report Date: 04/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/05/24 10:56

Customer: KP40324 KANNA PHARMA
Product identity: 3000mg CBD BS
Client/Metric ID:
Laboratory ID: 24-003744-003

Summary

Potency:

Analyte	Result	Limits	Units	Status	CBD-Total per Serving Size	100 mg/1ml
CBD	10.6		%			
CBG	0.264		%			
CBN	0.245		%		THC-Total per Serving Size	<LOQ
Analyte per 1ml	Result	Limits	Units	Status	CBD-Total per Serving Size	3000 mg/30ml
CBD per 1ml	100		mg/1ml			
CBG per 1ml	2.49		mg/1ml			
CBN per 1ml	2.32		mg/1ml		THC-Total per Serving Size	<LOQ
Analyte per 30ml	Result	Limits	Units	Status	(Reported in milligrams per serving)	
CBD per 30ml	3000		mg/30ml			
CBG per 30ml	74.8		mg/30ml			
CBN per 30ml	69.5		mg/30ml			



Customer: Kanna Pharma
 EUA Florida
 2106 NW - 4th Place
 Gainesville, 32603
Product identity: KP40324 Kanna 3000mg CBD BS
Client/Metric ID:
Sample Date:
Laboratory ID: 24-003744-0003
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 9:22:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD [±]	10.6		%	0.329		
CBD-A [±]	< LOQ		%	0.00329		
CBD-Total	10.6		%	0.331		
CBG	0.264		%	0.00329		
CBG-A	< LOQ		%	0.00329		
CBG-Total	0.264		%	0.00613		
CBN	0.245		%	0.00329		
Δ10-THC-9R	< LOQ		%	0.00329		
Δ10-THC-9S	< LOQ		%	0.00329		
Δ10-THC-Total	< LOQ		%	0.00657		
Δ8-THC [±]	< LOQ		%	0.00329		
Δ9-THC [±]	< LOQ		%	0.00329		
THC-A [±]	< LOQ		%	0.00329		
THC-Total	< LOQ		%	0.00617		
Total Cannabinoids	11.1		%			

Potency per 1ml	Method: J AOAC 2015 V98-6 (mod)			Units mg/se	Batch: 2402718	Analyze: 4/10/24 9:22:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 1ml	100		mg/1ml	3.10		
CBD-A per 1ml [±]	< LOQ		mg/1ml	0.0310		
CBD-Total per 1ml [±]	100		mg/1ml	3.13		
CBG per 1ml	2.49		mg/1ml	0.0310		
CBG-A per 1ml	< LOQ		mg/1ml	0.0310		
CBG-Total per 1ml	2.49		mg/1ml	0.0580		
CBN per 1ml	2.32		mg/1ml	0.0310		
Δ10-THC-9R per 1ml	< LOQ		mg/1ml	0.0310		
Δ10-THC-9S per 1ml	< LOQ		mg/1ml	0.0310		
Δ10-THC-Total per 1ml	< LOQ		mg/1ml	0.0621		
Δ8-THC per 1ml [±]	< LOQ		mg/1ml	0.0310		



Potency per 1ml **Method:** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2402718 **Analyze:** 4/10/24 9:22:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
Δ9-THC per 1ml ^L	< LOQ		mg/1ml	0.0310	
THC-A per 1ml ^L	< LOQ		mg/1ml	0.0310	
THC-Total per 1ml	< LOQ		mg/1ml	0.0583	

Potency per 30ml **Method:** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2402718 **Analyze:** 4/10/24 9:22:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 30ml	3000		mg/30ml	93.1	
CBD-A per 30ml	< LOQ		mg/30ml	0.931	
CBD-Total per 30ml	3000		mg/30ml	93.9	
CBG per 30ml	74.8		mg/30ml	0.931	
CBG-A per 30ml	< LOQ		mg/30ml	0.931	
CBG-Total per 30ml	74.8		mg/30ml	1.74	
CBN per 30ml	69.5		mg/30ml	0.931	
Δ10-THC-9R per 30ml	< LOQ		mg/30ml	0.931	
Δ10-THC-9S per 30ml	< LOQ		mg/30ml	0.931	
Δ8-THC per 30ml	< LOQ		mg/30ml	0.931	
Δ9-THC per 30ml	< LOQ		mg/30ml	0.931	
THC-A per 30ml	< LOQ		mg/30ml	0.931	
THC-Total per 30ml	< LOQ		mg/30ml	1.75	



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



Report Number: 24-003744/D004.R000
Report Date: 04/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/05/24 10:56

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 = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 24-003744/D004.R000
Report Date: 04/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/05/24 10:56



**Hemp & Cannabis
Chain of Custody**

**ZeroPointExtraction-
1712165043**

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

Company Details 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> Billing Information Billing Phone: <u>5419129109</u> Billing Email: <u>rick@zeropointextraction.com</u>		Project Details Turnaround Time: <u>5 Business Days</u> <u>Reg. For Micro Testing</u> <u>Standard</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Compliance: <u>Compliance</u> Receipt Information Pre-Log Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>		Testing H0014 - Potency Cannabis (Basic)	
#	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

Page 1 of 1
www.columbialaboratories.com



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



Report Number: 24-003744/D004.R000
Report Date: 04/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/05/24 10:56

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



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



Report Number: 24-003744/D004.R000
Report Date: 04/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/05/24 10:56

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	
CBDA	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



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



Report Number: 24-003744/D004.R000
Report Date: 04/12/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/05/24 10:56





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.