



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



Report Number: 24-004259/D001.R000
Report Date: 04/25/2024
ORELAP#: OR100028
Purchase Order:
Received: 04/18/24 10:47

Customer: KP40325 KANNA PHARMA
Product identity: 1500mg | 750 CBD : 750 D8
Client/Metric ID:
Laboratory ID: 24-004259-0001

Summary

Potency:

Analyte	Result	Limits	Units	Status	CBD-Total per Serving Size	27.0 mg/1ml
CBD	2.86		%			
CBG	0.0802		%			
CBN	0.0888		%		THC-Total per Serving Size	<LOQ
Δ8-THC	2.62		%			
Analyte per 1ml	Result	Limits	Units	Status	CBD-Total per Serving Size	811 mg/30ml
CBD per 1ml	27.0		mg/1ml			
CBG per 1ml	0.758		mg/1ml			
CBN per 1ml	0.839		mg/1ml		THC-Total per Serving Size	<LOQ
Δ8-THC per 1ml	24.8		mg/1ml			
Analyte per 30ml	Result	Limits	Units	Status	(Reported in milligrams per serving)	
CBD per 30ml	811		mg/30ml			
CBG per 30ml	22.7		mg/30ml			
CBN per 30ml	25.2		mg/30ml			
Δ8-THC per 30ml	743		mg/30ml			
HHC (9S-Hexahydrocannabinol)	0.000		mg/30ml			



Customer: Kanna Pharma
 EUA Florida
 2106 NW - 4th Place
 Gainesville, 32603
Product identity: KP40325 1500mg | 750 CBD : 750 D8
Client/Metric ID:
Sample Date:
Laboratory ID: 24-004259-0001
Evidence of Cooling: No
Temp: 19.1 °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: 2403023	Analyze: 4/20/24 3:01:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD [±]	2.86		%	0.0329		
CBD-A [±]	< LOQ		%	0.00329		
CBD-Total	2.86		%	0.0358		
CBG	0.0802		%	0.00329		
CBG-A	< LOQ		%	0.00329		
CBG-Total	0.0802		%	0.00615		
CBN	0.0888		%	0.00329		
Δ10-THC-9R	< LOQ		%	0.00329		
Δ10-THC-9S	< LOQ		%	0.00329		
Δ10-THC-Total	< LOQ		%	0.00659		
Δ8-THC [±]	2.62		%	0.0329		
Δ9-THC [±]	< LOQ		%	0.00329		
THC-A [±]	< LOQ		%	0.00329		
THC-Total	< LOQ		%	0.00618		
Total Cannabinoids	5.65		%			

Potency per 1ml	Method: J AOAC 2015 V98-6 (mod)			Units mg/se	Batch: 2403023	Analyze: 4/20/24 3:01:00 AM
Analyte	Result	Limits	Units	LOQ	Notes	
CBD per 1ml	27.0		mg/1ml	0.311		
CBD-A per 1ml	< LOQ		mg/1ml	0.0311		
CBD-Total per 1ml	27.0		mg/1ml	0.338		
CBG per 1ml	0.758		mg/1ml	0.0311		
CBG-A per 1ml	< LOQ		mg/1ml	0.0311		
CBG-Total per 1ml	0.758		mg/1ml	0.0581		
CBN per 1ml	0.839		mg/1ml	0.0311		
Δ10-THC-9R per 1ml	< LOQ		mg/1ml	0.0311		
Δ10-THC-9S per 1ml	< LOQ		mg/1ml	0.0311		
Δ10-THC-Total per 1ml	< LOQ		mg/1ml	0.0622		
Δ8-THC per 1ml	24.8		mg/1ml	0.311		



Potency per 1ml **Method:** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2403023 **Analyze:** 4/20/24 3:01:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
Δ9-THC per 1ml	< LOQ		mg/1ml	0.0311	
THC-A per 1ml	< LOQ		mg/1ml	0.0311	
THC-Total per 1ml	< LOQ		mg/1ml	0.0584	

Potency per 30ml **Method:** J AOAC 2015 V98-6 (mod) **Units** mg/se **Batch:** 2403023 **Analyze:** 4/20/24 3:01:00 AM

Analyte	Result	Limits	Units	LOQ	Notes
CBD per 30ml	811		mg/30ml	9.33	
CBD-A per 30ml	< LOQ		mg/30ml	0.933	
CBD-Total per 30ml	811		mg/30ml	10.2	
CBG per 30ml	22.7		mg/30ml	0.933	
CBG-A per 30ml	< LOQ		mg/30ml	0.933	
CBG-Total per 30ml	22.7		mg/30ml	1.74	
CBN per 30ml	25.2		mg/30ml	0.933	
Δ10-THC-9R per 30ml	< LOQ		mg/30ml	0.933	
Δ10-THC-9S per 30ml	< LOQ		mg/30ml	0.933	
Δ8-THC per 30ml	743		mg/30ml	9.33	
Δ9-THC per 30ml	< LOQ		mg/30ml	0.933	
HHC (9S-Hexahydrocannabinol) per	0.000		mg/30ml	0.000	
THC-A per 30ml	< LOQ		mg/30ml	0.933	
THC-Total per 30ml	< LOQ		mg/30ml	1.75	



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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.

‡ = TNI accredited analyte.

Units of Measure

g = Gram

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-
1713292403

ORELAP ID: OR100028 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, unde ned 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 Reg. For Micro Testing Standard</u> Relinquishment Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, Fedex)</u> Compliance: <u>Compliance</u> License Type: <u>ODA</u> Receipt Information Pre-Log Storage: <u>Canna Shelves</u> Sample Condition: <u>Satisfactory</u>			Testing
						H-0014 - Potency Cannabis (Basic)
#	Sample Name	Material	Amount Provided	Reporting Unit	Speci cations	Additional Test Requests and Sample Comments
1	KP40325 - Kanna 30ml 1500mg CBD:D8 Mx Tincture	Cannabinoid Tincture	30 g	mg/volume (mg/mL, mg/ .oz)	Use Normal Tincture Format	Lot: KP40325

Relinquished By	Date	Time	Received By	Date	Time	Received Temp., °C	Evidence of Cooling?
<i>rick ezrine</i>	<i>04/16/2024</i>	<i>11:33</i>	<i>DAK</i>	<i>04/18/2024</i>	<i>10:47</i>	<i>19.10</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@columbiaboratories.com

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www.columbiaboratories.com


Laboratory Quality Control Results

J AOAC 2015 V98-6					Batch ID: 0				
Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDA	1	0.0295	0.0308	%	95.6	90.0	- 110	Acceptable	
CBGA	1	0.0293	0.0306	%	95.9	80.0	- 120	Acceptable	
CBG	1	0.0327	0.0344	%	95.1	80.0	- 120	Acceptable	
CBD	1	0.0320	0.0330	%	96.9	90.0	- 110	Acceptable	
CBN	1	0.0309	0.0319	%	96.9	80.0	- 120	Acceptable	
d9THC	1	0.0312	0.0342	%	91.2	90.0	- 110	Acceptable	
d8THC	1	0.0313	0.0300	%	104	90.0	- 110	Acceptable	
9S-d10THC	1	0.0310	0.0321	%	96.7	80.0	- 120	Acceptable	
9R-d10THC	1	0.0300	0.0312	%	96.1	80.0	- 120	Acceptable	
THCA	1	0.0292	0.0305	%	95.7	90.0	- 110	Acceptable	
Method Blank									
Analyte		Result	LOQ	Units		Limits		Evaluation	Notes
CBDA		<LOQ	0.00330	%		< 0.00330		Acceptable	
CBGA		<LOQ	0.00330	%		< 0.00330		Acceptable	
CBG		<LOQ	0.00330	%		< 0.00330		Acceptable	
CBD		<LOQ	0.00330	%		< 0.00330		Acceptable	
CBN		<LOQ	0.00330	%		< 0.00330		Acceptable	
d9THC		<LOQ	0.00330	%		< 0.00330		Acceptable	
d8THC		<LOQ	0.00330	%		< 0.00330		Acceptable	
9S-d10THC		<LOQ	0.00330	%		< 0.00330		Acceptable	
9R-d10THC		<LOQ	0.00330	%		< 0.00330		Acceptable	
THCA		<LOQ	0.00330	%		< 0.00330		Acceptable	

Abbreviations

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

Units of Measure:

% - Percent


Laboratory Quality Control Results

AOAC 2015 V98-6			Batch ID: 0					
Sample Duplicate			Sample ID: 24-004200-0001					
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	<LOQ	<LOQ	0.00316	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.00316	%	NA	< 20	Acceptable	
CBG	0.00985	0.0101	0.00316	%	2.57	< 20	Acceptable	
CBD	1.62	1.67	0.00316	%	3.09	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.00316	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00316	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00316	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00316	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00316	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.00316	%	NA	< 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.