



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



Customer: Kanna Pharma
 EUA Florida
 2106 NW - 4th Place
 Gainsville, 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	Notes
Analyte	Result	Limits	Units	LOQ		
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	Notes
Analyte	Result	Limits	Units	LOQ		
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		



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

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 ⁺	< LOQ		mg/1ml	0.0310	
THC-A per 1ml ⁺	< 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	



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



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Hemp & Cannabis
Chain of Custody

ZeroPointExtraction-
1712165043

ORELAP ID: OR1000028 ANAB ISO 17025 ID: AT1508

Company Details		Project Details			Testing H0014 - Potency Cannabis (Basic)
Company: ZeroPointExtraction	Contact: rick.ezrine	Turnaround Time: 5 Business Days	Req. For Micro Testing	Standard	
Street Address: 2615 SW Cessna, suite 101	City, State, Zip: Prineville, OR 97754	Relinquishment	Sampling, Courier & Shipping Options: By Shipping Service (USPS, UPS, FedEx)		
Email: rick@zeropointextraction.com	Contact Phone: 5419129109	Compliance:	Compliance		
Company Phone: 5419129109		Receipt Information	Pre-Log Storage: Canna Shelves	Sample Condition: Satisfactory	
Billing Information					
Billing Phone: 5419129109	Billing Email: rick@zeropointextraction.com				
#	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
rick.ezrine	04/03/2024	10:24	cmc	04/05/2024	09:57
				Received Temp., °C	Evidence of Cooling?
				16.60	No

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

Laboratory Quality Control Results

Batch ID: 2402752

JAOAC 2015 V98-6

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


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

AOAC 2015 V9-6 Laboratory Quality Control Results								
Sample Duplicate		Batch ID: 2402752 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



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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	Quantitaion 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.