



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



Report Number: 23-011995/D002.R000
Report Date: 10/16/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/09/23 14:56

Customer: TribeTokes
Product identity: D8 Northern Lights
Client/Metric ID: .
Laboratory ID: 23-011995-0002

Summary

Potency:

Analyte	Result (%)		
Δ8-THC	63.8		CBD-Total 4.66%
CBD	4.66		
CBG	0.903		THC-Total <LOQ
CBN	0.0717		(Reported in percent of total sample)



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Customer: TribeTokes
 United States of America (USA)
Product identity: D8 Northern Lights
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-011995-0002
Evidence of Cooling: No
Temp: 21.4 °C

Sample Results

Potency	Method: J AOAC 2015 V98-6 (mod) ^b			Units %	Batch: 2311742	Analyze: 10/10/23 10:06:00 P
Analyte	As Received	Dry weight	LOQ	Notes		
CBD	4.66		0.0699			
CBD-A	< LOQ		0.0699			
CBD-Total	4.66		0.131			
CBG	0.903		0.0699			
CBG-A	< LOQ		0.0699			
CBG-Total	0.903		0.130			
CBN	0.0717		0.0699			
Δ10-THC-9R	< LOQ		0.0699			
Δ10-THC-9S	< LOQ		0.0699			
Δ10-THC-Total	< LOQ		0.140			
Δ8-THC	63.8		0.699			
Δ9-THC	< LOQ		0.0699			
HHC (9R-Hexahydrocannabinol)	< LOQ		0.0699			
HHC (9S-Hexahydrocannabinol)	< LOQ		0.0699			
THC-A	< LOQ		0.0699			
THC-O-Acetate, delta-8	< LOQ		0.0699			
THC-O-Acetate, delta-9	< LOQ		0.0699			
THC-Total	< LOQ		0.131			
Total Cannabinoids	69.4					



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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.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

% = Percentage of sample

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

Approved Signatory

Derrick Tanner
General Manager



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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: 2311742

Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0746	0.0768	%	97.0	80.0	- 120	Acceptable	
CBDV	2	0.0731	0.0748	%	97.8	80.0	- 120	Acceptable	
CBE	2	0.0792	0.0818	%	96.8	80.0	- 120	Acceptable	
CBDA	1	0.0707	0.0744	%	95.1	90.0	- 110	Acceptable	
CBGA	1	0.0714	0.0760	%	94.0	80.0	- 120	Acceptable	
CBG	1	0.0816	0.0848	%	96.2	80.0	- 120	Acceptable	
CBD	1	0.0714	0.0723	%	98.8	90.0	- 110	Acceptable	
THCV	2	0.0686	0.0702	%	97.7	80.0	- 120	Acceptable	
d8THCV	2	0.0648	0.0704	%	92.0	80.0	- 120	Acceptable	
THCVA	2	0.0757	0.0754	%	100	80.0	- 120	Acceptable	
CBN	1	0.0700	0.0758	%	92.4	80.0	- 120	Acceptable	
exo-THC	2	0.0701	0.0754	%	93.0	80.0	- 120	Acceptable	
d9THC	1	0.0833	0.0842	%	98.9	90.0	- 110	Acceptable	
d8THC	1	0.0726	0.0784	%	92.5	90.0	- 110	Acceptable	
9S-d10THC	1	0.0734	0.0778	%	94.4	80.0	- 120	Acceptable	
CBL	2	0.0757	0.0779	%	97.2	80.0	- 120	Acceptable	
9S-HHC	3	0.0664	0.0674	%	98.5	80.0	- 120	Acceptable	
9R-d10THC	1	0.0696	0.0776	%	89.7	80.0	- 120	Acceptable	
CBC	2	0.0733	0.0781	%	93.9	80.0	- 120	Acceptable	
9R-HHC	3	0.199	0.204	%	97.7	80.0	- 120	Acceptable	
THCA	1	0.0711	0.0777	%	91.5	90.0	- 110	Acceptable	
CBCA	2	0.0746	0.0769	%	97.1	80.0	- 120	Acceptable	
CBLA	2	0.0769	0.0804	%	95.6	80.0	- 120	Acceptable	
d9THCP	2	0.0741	0.0768	%	96.4	80.0	- 120	Acceptable	
d8THCO	3	0.0729	0.0772	%	94.4	80.0	- 120	Acceptable	
CBT	2	0.0661	0.0743	%	88.9	80.0	- 120	Acceptable	
d9THCO	3	0.0726	0.0758	%	95.8	80.0	- 120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBDV	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBE	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBDA	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBGA	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBG	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBD	<LOQ	0.00694	%	< 0.00694	Acceptable	
THCV	<LOQ	0.00694	%	< 0.00694	Acceptable	
d8THCV	<LOQ	0.00694	%	< 0.00694	Acceptable	
THCVA	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBN	<LOQ	0.00694	%	< 0.00694	Acceptable	
exo-THC	<LOQ	0.00694	%	< 0.00694	Acceptable	
d9THC	<LOQ	0.00694	%	< 0.00694	Acceptable	
d8THC	<LOQ	0.00694	%	< 0.00694	Acceptable	
9S-d10THC	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBL	<LOQ	0.00694	%	< 0.00694	Acceptable	
9S-HHC	<LOQ	0.00694	%	< 0.00694	Acceptable	
9R-d10THC	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBC	<LOQ	0.00694	%	< 0.00694	Acceptable	
9R-HHC	<LOQ	0.00694	%	< 0.00694	Acceptable	
THCA	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBCA	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBLA	<LOQ	0.00694	%	< 0.00694	Acceptable	
d9THCP	<LOQ	0.00694	%	< 0.00694	Acceptable	
d8THCO	<LOQ	0.00694	%	< 0.00694	Acceptable	
CBT	<LOQ	0.00694	%	< 0.00694	Acceptable	
d9THCO	<LOQ	0.00694	%	< 0.00694	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: 2311742						
Sample Duplicate		Sample ID: 23-011934-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
CBDV	0.0342	0.0370	0.00687	%	8.01	< 20	Acceptable	
CBE	0.344	0.374	0.00687	%	8.31	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
CBGA	0.0151	0.0175	0.00687	%	14.9	< 20	Acceptable	
CBG	0.137	0.155	0.00687	%	12.5	< 20	Acceptable	
CBD	6.94	7.65	0.00687	%	9.70	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
d8THCV	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
THCVA	0.337	0.351	0.00687	%	4.13	< 20	Acceptable	
CBN	0.0529	0.0583	0.00687	%	9.64	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
CB	0.0758	0.0829	0.00687	%	8.86	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
THCA	80.4	78.1	0.00687	%	2.84	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
d9THCP	2.12	2.33	0.00687	%	9.30	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.00687	%	NA	< 20	Acceptable	
CBT	0.160	0.172	0.00687	%	7.36	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.00687	%	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.

PharmLabs San Diego Certificate of Analysis

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 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Delta 8 Distillate - Rose**

Sample ID	SD230603-013 (76697)	Matrix	Concentrate (Inhalable Cannabis Good)	Batch ID	09DST-222_Rose
Tested for	TribeTokes	Received	Jun 02, 2023	Reported	Jun 09, 2023
Analyses executed	CAN+, RES, HME				

Laboratory note: The estimated concentration of the unknown peak in the sample is 1.74%. Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-THC or d9-THC. At this time there are no reference standards available for (+)-d8-THC. (+)-d8-THC is a different compound from the main (-)-d8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-d8-THC and d9-THC with the majority, if not all, of the concentration being (+)-d8-THC. Total (+/-) D8 Concentration is estimated to be: 92.53%

CAN+ - Cannabinoids Analysis

Analyzed Jun 09, 2023 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	<LOQ	<LOQ
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	<LOQ	<LOQ
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	92.53	925.30
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			92.53	925.30
Total CBD (CBDA * 0.877 + CBD)			ND	ND
Total CBG (CBGA * 0.877 + CBG)			ND	ND
Total Cannabinoids			92.53	925.30

HME - Heavy Metals Detection Analysis

Analyzed Jun 08, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	ND	0.2
Cadmium (Cd)	3.0e-05	0.0005	ND	0.2
Mercury (Hg)	1.0e-05	0.0001	0.01	0.1
Lead (Pb)	1.0e-05	0.00125	ND	0.5

RES - Residual Solvents Testing Analysis

Analyzed Jun 07, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND		Butane (But)	0.4	40.0	ND	
Methanol (Metha)	0.4	40.0	ND		Ethylene Oxide (EthOx)	0.4	0.8	ND	
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethanol)	0.4	40.0	ND	
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	ND	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND	
Methylene Chloride (MetCh)	0.4	0.8	7.1		Hexane (Hex)	0.4	40.0	ND	
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	ND	
Benzene (Ben)	0.4	0.8	ND		1,2-Dichloroethane (1,2-Dich)	0.4	0.8	ND	
Heptane (Hep)	0.4	40.0	ND		Trichloroethylene (TriClEth)	0.4	0.8	ND	
Toluene (Toluene)	0.4	40.0	ND		Xylenes (Xyl)	0.4	40.0	ND	

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Fri, 09 Jun 2023 09:13:02 -0700

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