

Photograph of Sample



081102D

Pharmtrue LLC

HMP 1039

Certificate of Analysis

Assay Date: August 12, 2020

License #:

Foreign Material Inspection

Material: dog treat

not provided

Inspection not required

Method: HPLC

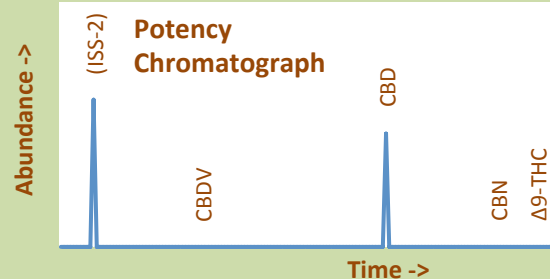
dog treat

Internal ID: HMP 039

Sample collected by client

Moisture: Not Performed

α-Tocopherol: Not Performed



Abundant Terpenes

1) a-Pinene	**	11) Terpinolene	**
2) Camphene	**	12) Linalool	**
3) b-Pinene	**	13) Isopulegol	**
4) Myrcene	**	14) Geraniol	**
5) 3-Carene	**	15) b-Caryophyllene	**
6) a-Terpinene	**	16) a-Humulene	**
7) d-Limonene	**	17) Nerolidol	**
8) p-Cymene	**	18) Guaiol	**
9) Ocimene	**	19) a-Bisabolol	**
10) g-Terpinene	**		

Terpene Total (not performed)

Cannabinoid	mg/gram	Method
Δ9-THC	<0.1	hplc
Δ9-THCa	<0.1	hplc
CBN	0.00	hplc
CBD	5.6	hplc
CBDa	<0.1	hplc
Total CBG	<0.1	hplc
Δ8-THC	<0.1	hplc
Total	5.6	

Total THC <0.1%

Δ9 Activation >99%

Total THC < 0.01 mg/unit

Total CBD = 0.559%

CBD Activation >99%

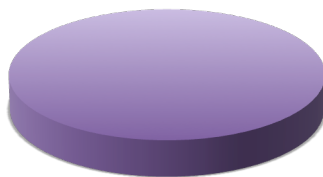
Total CBD = 127 mg/unit

-- Unit Size: 22.7 g --

Terpene Profile

(analysis not performed)

*Δ9-THC, Δ9-THCa and Total CBD are reported to BioTrack. 'np' = test not performed



- Δ9-THC
- Δ9-THCa
- CBN
- CBD
- CBDa
- Total CBG
- Δ8-THC

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Microbial Screen (cfu/gram)

Observed Rate

- Total aerobic plate count:	**	(test not performed)
- Total yeast and mold count:	**	(test not performed)
- Bile-tolerant gram negative:	**	(test not performed)
- E. Coli:	**	(test not performed)
- Salmonella spp.:	**	(test not performed)
- Mycotoxins (B1, B2, G1, G2, OA):	**	(test not performed)

Microbial Screen Not Performed

Limits of Detection (LODs) for all reported analytes can be found at: <http://riograndeanalytics.net/Sensitivity.html>

TerpType®: (profile not performed)

Residual Solvents (ppm), bold-red if failed*

(residuals test not performed)

* Residual limits can be found at: <http://riograndeanalytics.net/Residuals.html>



Approved on August 15, 2020
Results are non-transferable
and valid for 30 days.

Barry Dungan
Rio Grande Analytics
Las Cruces, NM
Barry Dungan - lab manager

Photograph of Sample



081103D

Pharmtrue LLC

Certificate of Analysis

Assay Date: August 12, 2020

License #:

Foreign Material Inspection

Material: dog treat

not provided

Inspection not required

Method: HPLC

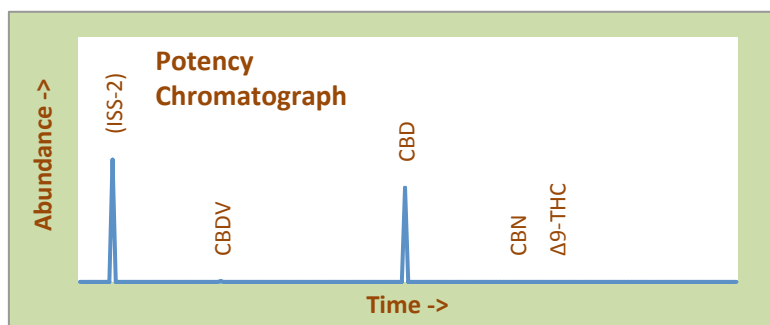
dog treat

Internal ID: HMP 040

Sample collected by client

Moisture: Not Performed

α-Tocopherol: Not Performed



Abundant Terpenes

1) a-Pinene	**	11) Terpinolene	**
2) Camphene	**	12) Linalool	**
3) b-Pinene	**	13) Isopulegol	**
4) Myrcene	**	14) Geraniol	**
5) 3-Carene	**	15) b-Caryophyllene	**
6) a-Terpinene	**	16) a-Humulene	**
7) d-Limonene	**	17) Nerolidol	**
8) p-Cymene	**	18) Guaial	**
9) Ocimene	**	19) a-Bisabolol	**
10) g-Terpinene	**		

Terpene Total (not performed)

Cannabinoid	mg/gram	Method
Δ9-THC	<0.1	hplc
Δ9-THCa	<0.1	hplc
CBN	0.00	hplc
CBD	0.43	hplc
CBDa	<0.1	hplc
Total CBG	<0.1	hplc
Δ8-THC	<0.1	hplc
Total	0.43	

Total THC <0.1%

Δ9 Activation >99%

Total THC < 0.01 mg/unit

Total CBD = 0.044%

CBD Activation >99%

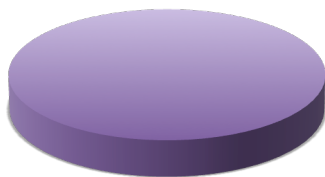
Total CBD = 6.5 mg/unit

-- Unit Size: 14.9 g --

Terpene Profile

(analysis not performed)

*Δ9-THC, Δ9-THCa and Total CBD are reported to BioTrack. 'np' = test not performed



- Δ9-THC
- Δ9-THCa
- CBN
- CBD
- CBDa
- Total CBG
- Δ8-THC

TerpType®: (profile not performed)

Residual Solvents (ppm), bold-red if failed*

(residuals test not performed)

* Residual limits can be found at: <http://riograndeanalytics.net/Residuals.html>

Microbial Screen (cfu/gram)

Observed Rate

- Total aerobic plate count:	**	(test not performed)
- Total yeast and mold count:	**	(test not performed)
- Bile-tolerant gram negative:	**	(test not performed)
- E. Coli:	**	(test not performed)
- Salmonella spp.:	**	(test not performed)
- Mycotoxins (B1, B2, G1, G2, OA):	**	(test not performed)

Microbial Screen Not Performed

Limits of Detection (LODs) for all reported analytes can be found at: <http://riograndeanalytics.net/Sensitivity.html>



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Barry Dungan
Barry Dungan - lab manager