



T130701

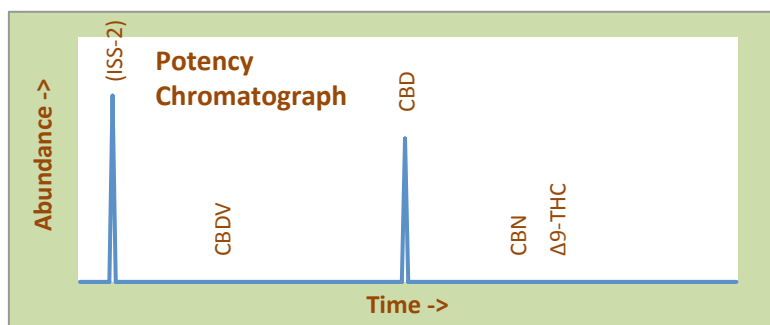
PHARM TRUE

Certificate of Analysis

Assay Date:	July 14, 2020	Lot #
Material:	TINCTURE	130701
Method:	HPLC	
Internal ID:	HMP 971	Sample collected by client
Moisture:	Not Performed	
α-Tocopherol:	Not Performed	

Foreign Material Inspection

Inspection not required



Abundant Terpenes

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

Terpene Total (not performed)

Cannabinoid	mg/gram	Method
Δ9-THC	<0.1	hplc
Δ9-THCa	<0.1	hplc
CBN	<0.1	hplc
CBD	47.0	hplc
CBDa	<0.1	hplc
Total CBG	<0.1	hplc
Δ8-THC	<0.1	hplc
Total	47.0	

Total THC <0.1%

Δ9 Activation >99%

Total THC = 0 mg/unit

Total CBD = 4.7%

CBD Activation >99%

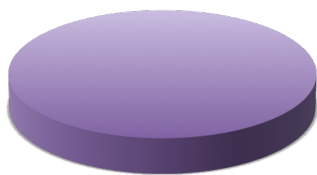
Total CBD = 1409.6 mg/unit

-- Unit Size: 30 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>



Approved on July 17, 2020
Results are non-transferable
and valid for 30 days.

Barry Dungan
Barry Dungan - lab manager