

Photomicrograph of Sample

500  
microns



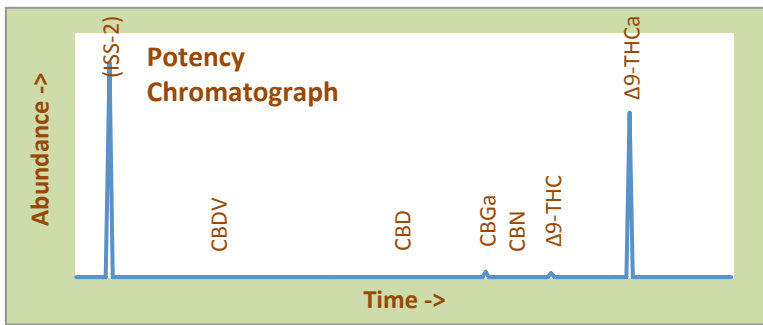
# Apple Shocker High Desert Relief

## Certificate of Analysis

<b>Assay Date:</b>	August 31, 2020	<b>BioTrack ID:</b>	
<b>Material:</b>	Cured Flower		9713 0755 4687 9724
<b>Method:</b>	HPLC		Flower Lot (Apple Shocker)
<b>Internal ID:</b>	HDR 079		Sample collected by client
<b>Moisture:</b>	4.53%		
<b>α-Tocopherol:</b>	Not Performed		

Foreign Material Inspection

**Passed Inspection**



### Abundant Terpenes

1) a-Pinene	0.11%	11) Terpinolene	0.01%
2) Camphene	0.02%	12) Linalool	0.16%
3) b-Pinene	0.13%	13) Isopulegol	0.01%
4) Myrcene	0.18%	14) Geraniol	0.07%
5) 3-Carene	<0.01%	15) b-Caryophyllene	0.23%
6) a-Terpinene	<0.01%	16) a-Humulene	0.22%
7) d-Limonene	0.55%	17) Nerolidol	0.31%
8) p-Cymene	0.03%	18) Guaiol	0.02%
9) Ocimene	<0.01%	19) a-Bisabolol	0.01%
10) g-Terpinene	<0.01%		

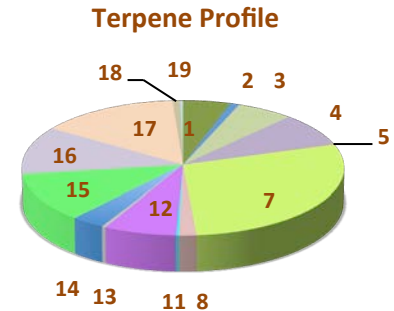
Terpene Total

2.06%

Cannabinoid	mg/gram	Method
Δ9-THC	5.7	hplc
Δ9-THCa	246.0	hplc
CBN	0.00	hplc
CBD	<0.1	hplc
CBDa	<0.1	hplc
Total CBG	7.6	hplc
Δ8-THC	<0.1	hplc
Total	259.4	

**Total THC = 22.1%**  
(Δ9 Activation = 2.5%)

**Total CBD <0.1%**  
CBD Activation >99%



TerpType®: Car + Limonene

\*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:	<1000 Passes
- Total yeast and mold count:	<10 Passes
- Bile-tolerant gram negative:	<10 Passes
- E. Coli:	nd Passes
- Salmonella spp.:	nd Passes
- Mycotoxins (B1, B2, G1, G2, OA):	<1 ppb Passes

**Sample Passes Microbial Screen**

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

(residuals test not performed)

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



Approved on September 03,  
Results are non-transferable  
and valid for 30 days.

*Barry Dungan*  
Barry Dungan - lab manager

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