

## HPLC Analysis Report

## Cannabinoid Profile Certificate of Analysis

Client:	Blackhouse Botanicals	Date Received:	03-04-2021
Sample Name:	Soft Wax Muscle Balm	Date Tested:	03-08-2021
Sample Matrix:	Topical Applicant	APRC #:	CQ210304A
Sample Lot:	N/A CRI	FIED D.	
	CE		

ID#	Cannabinoid	Ret. Time	Conc. (µg/mL)	% (w/w)	mg/g
1	Cannabidivarin (CBDV)	2.167	3.976	0.02	0.25
2	Cannabidiolic acid (CBDA)	<loq< td=""><td><loq< td=""><td>N/A</td><td>N/A</td></loq<></td></loq<>	<loq< td=""><td>N/A</td><td>N/A</td></loq<>	N/A	N/A
3	3 Cannabigerolic acid (CBGA)		<loq< td=""><td>N/A</td><td>N/A</td></loq<>	N/A	N/A
4	Cannabigerol (CBG)	3.010	308.083	1.92	19.22
5	Cannabidiol (CBD)	3.175	299.583	1.87	18.69
6	Tetrahydrocannabivarin (THCV)	3.444	2.694	0.02	0.17
7	Cannabinol (CBN)	4.667	1.927	0.01	0.12
8	Δ9-Tetrahydrocannabidinol (Δ9-THC)	5.866	22.808	0.14	1.42
9	Δ8-Tetrahydrocannabidinol (Δ8-THC)	6.048	27.223	0.17	1.70
10	Cannabichromene (CBC)	7.335	2.224	0.01	0.14
11	Δ9-Tetrahydrocannabidinolic acid (THCA-A)	<loq< td=""><td><loq< td=""><td>N/A</td><td>N/A</td></loq<></td></loq<>	<loq< td=""><td>N/A</td><td>N/A</td></loq<>	N/A	N/A

	%	mg/g		
Analyzed by:	C. Wiscombe	Total Cannabinoids	4.17	41.70
		Total $THC^{\dagger}$	0.14	1.42
Reviewed by:	C. Gunn	Total CBD <sup>‡</sup>	1.87	18.69
		$^+$ Total THC is calculated by Δ9-THC +(THCA-A*0.877)		

*‡* Total CBD is calculated by CBD + (CBDA\*0.877)

Notes:

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