

## Full Spectrum Whole Plant Tincture

 Sample ID: SA-221020-13221  
 Batch:  
 Type: Finished Products  
 Matrix: Oil / Liquid - Hemp Seed Oil  
 Unit Mass (g):

 Received: 10/27/2022  
 Completed: 11/08/2022

**Client**  
 Herbal Healers LLC  
 6073 Pidcock Creek Rd  
 New Hope, PA 18938  
 USA  
 Lic. #: 42-001142


### Summary

<b>Test</b>	<b>Date Tested</b>	<b>Status</b>
Cannabinoids	11/08/2022	Tested

<b>1.43 mg/mL</b> Total Δ9-THC	<b>103 mg/mL</b> CBD	<b>109 mg/mL</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Tested</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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### Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	1.14384	0.125	34.3
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	102.63915	11.2	3080
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	0.74296	0.0813	22.3
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	1.22102	0.134	36.6
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	0.1684	0.0184	5.05
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	0.15617	0.0171	4.69
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	1.25988	0.138	37.8
Δ8-THC	0.00104	0.00312	ND	ND	ND
Δ9-THC	0.00076	0.00227	1.42896	0.156	42.9
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
<b>Total Δ9-THC</b>			<b>1.43</b>	<b>0.156</b>	<b>42.9</b>
<b>Total CBD</b>			<b>103</b>	<b>11.2</b>	<b>3080</b>
<b>Total</b>			<b>109</b>	<b>11.9</b>	<b>3260</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



 Generated By: Ryan Bellone  
 CCO  
 Date: 11/08/2022



 Tested By: Jared Burkhart  
 Technical Manager  
 Date: 11/08/2022

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651
