



Certificate ID: **93634**

Received: **4/5/21**

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One Life

Client Sample ID: **ONL2020FECO**



517 A Street

Lot Number: **042021**

Penrose, CO 81240

Matrix: **Concentrates/Extracts - Rick Simpson Oil**

Attn: Patricia Leppke

Authorization: Chris Hudalla, Chief Science Officer	Signature: 	Date: 4/22/2021
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: AC

Test Date: 4/8/2021

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

93634-CN

ID	Weight %	Concentration (mg/g)			
D9-THC	2.73	27.3			
THCV	ND	ND			
CBD	68.4	684			
CBDV	0.616	6.16			
CBG	3.42	34.2			
CBC	3.85	38.5			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	79.0	790	0%	Cannabinoids (wt%)	68.4%
Max THC	2.73	27.3		Limit of Quantitation (LOQ) = 0.0521 wt%	
Max CBD	68.4	684		Limit of Detection (LOD) = 0.0174 wt%	

Ratio of Total CBD to THC 25.1:1

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

TP: Terpenes Profile [WI-10-27]

Analyst: LC

Test Date: 4/21/2021

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

93634-TP

Compound	CAS	Conc. (wt%)	Conc. (ppm)	Qualitative Profile
alpha-pinene	80-56-8	0.0027	27.3	
camphene	79-92-5	<RL	<RL	
sabinene*	3387-41-5	ND	ND	
beta-myrcene	123-35-3	0.0273	273	
beta-pinene	127-91-3	0.0032	32.1	
alpha-phellandrene	99-83-2	ND	ND	
delta-3-carene	13466-78-9	ND	ND	
alpha-terpinene	99-86-5	0.0012	11.6	
alpha-ocimene	502-99-8	<RL	<RL	
D-limonene	138-86-3	0.0208	208	
p-cymene	99-87-6	ND	ND	
cis-beta-ocimene	3338-55-4	0.0014	14.2	
eucalyptol	470-82-6	0.0090	89.5	
gamma-terpinene	99-85-4	0.0019	18.9	
terpinolene	586-62-9	0.0010	9.89	
linalool	78-70-6	0.0372	372	
L-fenchone*	7787-20-4	0.0036	36.3	
isopulegol	89-79-2	ND	ND	
menthol*	89-78-1	<RL	<RL	
geraniol	106-24-1	ND	ND	
beta-caryophyllene	87-44-5	0.494	4,940	
alpha-humulene	6753-98-6	0.111	1,110	
cis-nerolidol	3790-78-1	ND	ND	
trans-nerolidol	40716-66-3	ND	ND	
guaial	489-86-1	0.0207	207	
caryophyllene oxide	1139-30-6	0.0065	65.1	
alpha-bisabolol	23089-26-1	0.0415	415	

wt% 0.00 0.25 0.50

Total Terpene: 0.8 wt%

* Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.

END OF REPORT