

## Sutherland CBD

16163 Tower Ave.  
Superior, WI 54880  
(715) 718-8050

Laboratory Number: 2009079-04

Batch #: FS5000-01

Sample Received: 9/4/2020; Report Created: 9/9/2020

5000mg Full Spec.  
Ingestible

### Sample Image



### Terpenes (GCMS-MS) Analyzed: 09/05/20 By: ESA

Compound	mg/mL	%
alpha-Bisabolol	1.96	0.20
(-)-Borneol and (+)-Borneol	ND	ND
Camphene	ND	ND
Camphor	ND	ND
beta-Caryophyllene	ND	ND
trans-Caryophyllene	1.96	0.20
Caryophyllene Oxide	ND	ND
alpha-Cedrene	ND	ND
Cedrol	ND	ND
Endo-fenchyl Alcohol	ND	ND
Eucalyptol	ND	ND
Fenchone	ND	ND
Geraniol	ND	ND
Geranyl acetate	ND	ND
Guaiol	ND	ND
Hexahydrothymol	ND	ND
alpha-Humulene	0.895	0.09
Isoborneol	ND	ND
Isopulegol	ND	ND
Limonene	ND	ND
Linalool	ND	ND
p-Mentha-1,5-diene	ND	ND
beta-Myrcene	0.714	0.07
trans-Nerolidol	ND	ND
Ocimene	ND	ND
alpha-Pinene	ND	ND
beta-Pinene	ND	ND
Pulegone	ND	ND
Sabinene	ND	ND
Sabinene Hydrate	ND	ND
gamma-Terpinene	ND	ND
alpha-Terpinene	ND	ND
3-Carene	ND	ND
Terpineol	ND	ND
Terpinolene	ND	ND
Valencene	ND	ND
Nerol	ND	ND
cis-Nerolidol	ND	ND
<b>Total Terpenes</b>	<b>5.53</b>	<b>0.55</b>

### Cannabinoid (HPLC) Analyzed: 09/05/20 By: EGP

Compound	LOQ %	%	mg/mL
THC-A	0.02	ND	ND
delta 9-THC	0.02	0.24	2.35
delta 8-THC	0.02	ND	ND
THC-V	0.02	ND	ND
CBG-A	0.02	ND	ND
CBD-A	0.02	0.21	2.09
CBD	0.02	16.34	163
CBD-V	0.02	0.10	0.958
CBN	0.02	ND	ND
CBG	0.02	0.75	7.45
CBC	0.02	0.31	3.13

0.24 %  
2.35 mg/mL

#### Total THC

16.48 %  
164.83 mg/mL

#### Total CBD

17.90 %  
179.00 mg/mL

#### Total Cannabinoids

Total THC = THCa \* 0.877 + delta 9-THC; Total CBD = CBDa \* 0.877 + CBD

70.39 : 1

#### CBD to THC Ratio

Not Tested

#### Water Activity

Not Tested

#### Moisture

## Safety

Not Tested

#### Pesticides

Not Tested

#### Microbials

Not Tested

#### Residual Solvents


Not Tested

#### Metals

Not Tested

#### pH

RL = Reporting Limit  
NA = Not Applicable  
NT = Not Tested  
ND = Non Detected  
LOQ = Limit of Quantification



Augustus Olthafer  
Chemist



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