#### **Laboratory Analysis Advice**

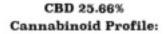
GMP Certified Organic Hemp CO2 Extract

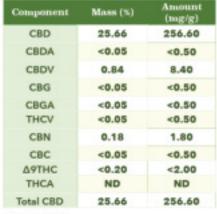
Date Analysis Completed: 25-07-2019



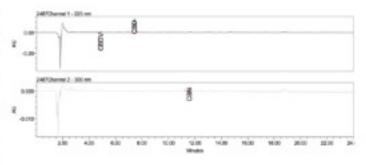
## Batch #1488 – Sample Mass 1g

The results contained in this advice are provided as guidance only for the purpose of indicating the profile and presence of cannabinoids, terpenoids, microbials and heavy metals within Batch #1488. Nutritional facts are also enclosed.

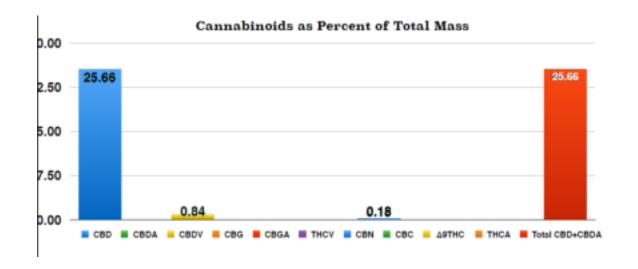




#### Method: HPLC-UV



ND - Not Detected

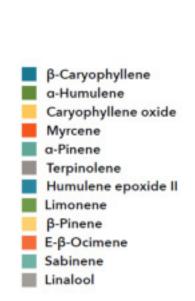


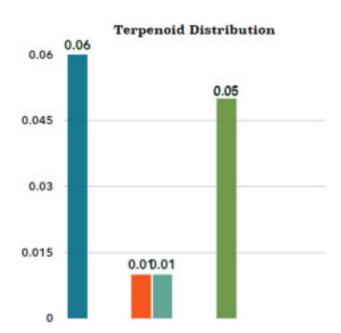
## Terpenoid Profile:

#### Method: HS-GC-FID

Component	Amount %	FIGURE COCHEROLOGICA TEMPORE RESULTEMENDERICE MANCHES ZONAN AS SHALL RECORDING CO.
β-Caryophyllene	0.06	
o-Humulene	ND	IA.
Caryophyllene oxide	ND	JA V
Myrcene	0.01	
o-Pinene	0.01	1
Terpinolene	ND	
Humulene epoxide II	ND	4
Limonene	0.05	
β-Pinene	ND	2
E-β-Ocimene	ND	
Sabinene	ND	
Linalool	ND	

ND - Not Detected





### Microbial Profile:

Component CFU Results ND' Listeria m. 19 ND\* Escherichia c. 19 ND. Salmonella 25 g Yeast 1 9 ND' ND" Mould 1 9

7ND - Not detected

All Mycotoxins at
Non Detectable (ND) levels

NO MYCOTOXINS RESIDUES TO DISPLAY

A B1 B2 G1 G2

#### **Nutrition Facts**

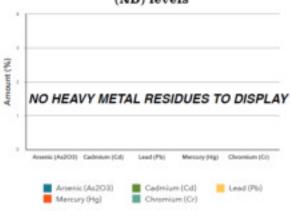
Component	%		
Moisture and volatile matter content	0.59		
Protein content	0.30		
Total fat content	98.89		
Carbohydrates content	ND*		
Total Fiber content	ND*		
Total sugars content	ND*		
Total ash content	ND*		

"ND - Not detected

## Heavy Metals Profile:

Component	Mass (%)	Amount (ppm)	Limit" (ppm)
Arsenic (As <sub>2</sub> O <sub>3</sub> )	ND"	< 0.1	< 0.1
Cadmium (Cd)	ND"	< 0.1	< 0.1
Lead (Pb)	ND'	< 0.1	< 0.1
Mercury (Hg)	ND*	< 0.1	< 0.1
Chromium (Cr)	ND*	< 1	< 1
Tin (Sn)	ND"	< 10	< 10

# All Heavy Metals at Non Detectable (ND) levels



### **Conclusions:**

No heavy metal residues detected. No flammable residues detected. No chemical residues detected.

## Pesticide analysis:

Pesticide Analysis: Our tests looked for residue of nearly 300 known pesticides finding no evidence of any over detectable limits.

#### Microbial analysis:

Our microbiology analysis is standardized after the following protocols:

ISO 6579:2003 ISO 11290-1:2003 ISO 16649-2:2002 ISO 21527-2:2008

## Note on Cannabinoid Testing:

All cannabinoids in their acid forms (ending in "-A") are convertible to their non-acid forms via a decarboxylation process (heating). The components lose mass through this process. To find the total theoretical active cannabinoids, one multiplies the acid forms by 87.7%. For example, CBD-A can be converted to active CBD using the formula: CBD-A  $\times$  0.877 = CBD. In this case, the Max CBD for the sample is: Max CBD (%) = (%CBD-A  $\times$  0.877) + %CBD. The same calculation assay is valid for THC-A. This method has been validated according to the principles of the International Conference on Harmonisation.