

# PHYTO+ Certificate of Analysis:

Organic Hemp CO2 Extract

## Cannabinoid Profile

Sunshine Trading | PHYTO Plus  
Zwanebloemlaan 222  
1087GD Amsterdam NH  
The Netherlands

Phone: +31(0)20 770 97 91  
support@phytopluscbd.com  
www.phytopluscbd.com

Responsible Supervisor: Martin V.  
Sample Batch #1320  
Date samples received: 10 January 2019  
Date analysis began: 10 January 2019  
Date sample report produced: 11 January 2019  
ID Number when available:  
Sample Mass 1 g

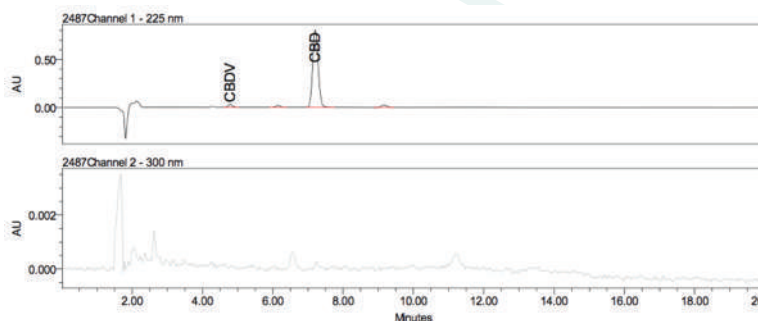


SKAL:100364, ISO 14001: 2004 certified; ISO 9001: 2008 certified, Organic certified: NL-BIO-01, HACCP certified; GMP certified

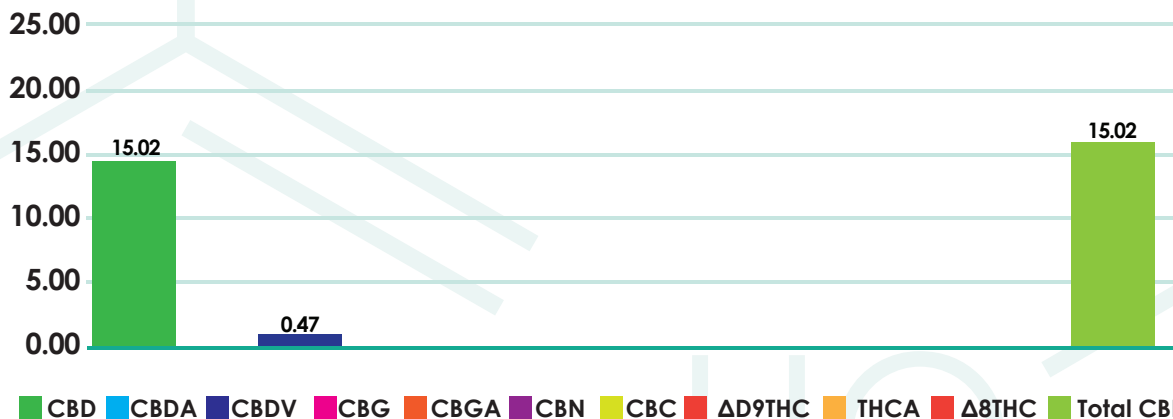
### PHYTO Plus 15.02% Total CBD+CBDA: Cannabinoid Profile

Component	Mass (%)	Amount (mg/g)
CBD	15.02	150.20
CBDA	≤0.01	≤0.10
CBDV	0.47	4.70
CBG	≤0.01	≤0.10
CBGA	≤0.01	≤0.10
CBN	≤0.01	≤0.10
CBC	≤0.01	≤0.10
Δ9THC	≤0.01	≤1.00
THCA	≤0.01	≤1.00
Δ8THC	≤0.01	≤1.00
Total CBD+CBDA	15.02	150.20

### Method: HPLC-UV



### Cannabinoids as Percent of Total Mass



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## Terpenoid Profile

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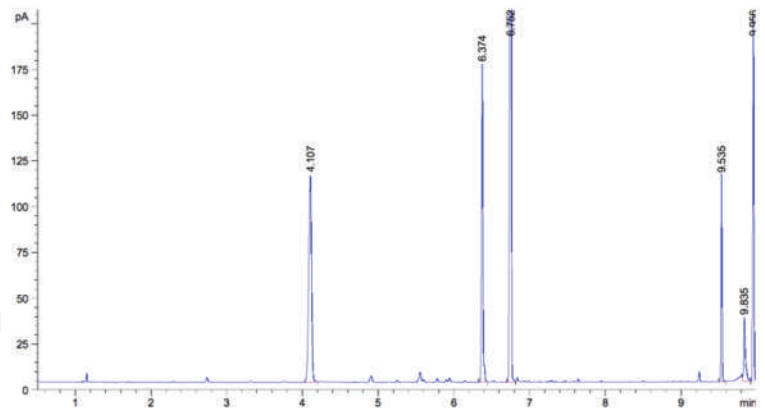
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### PHYTO Plus 15.02% Total CBD+CBDA: Terpenoid Profile

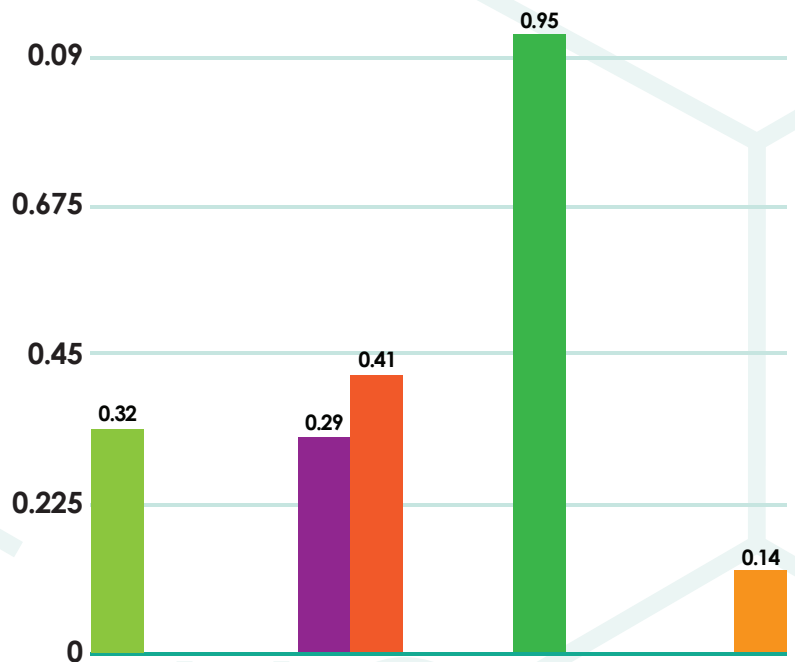
Component	Amount (%)
$\beta$ -Caryophyllene	0.32
$\alpha$ -Humulene	<0.01
Caryophyllene oxide	<0.01
Myrcene	0.29
$\alpha$ -Pinene	0.41
Terpinolene	<0.01
Humulene epoxide II	<0.01
Limonene	0.95
$\beta$ -Pinene	<0.01
E- $\beta$ -Ocimene	<0.01
Sabinene	<0.01
Linalool	0.14

- $\beta$ -Caryophyllene
- $\alpha$ -Humulene
- Caryophyllene oxide
- Myrcene
- $\alpha$ -Pinene
- Terpinolene
- Humulene epoxide II
- Limonene
- $\beta$ -Pinene
- E- $\beta$ -Ocimene
- Sabinene
- Linalool

### Method: HS-GC-FID



### Terpenoid Distribution



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## Microbial Profile

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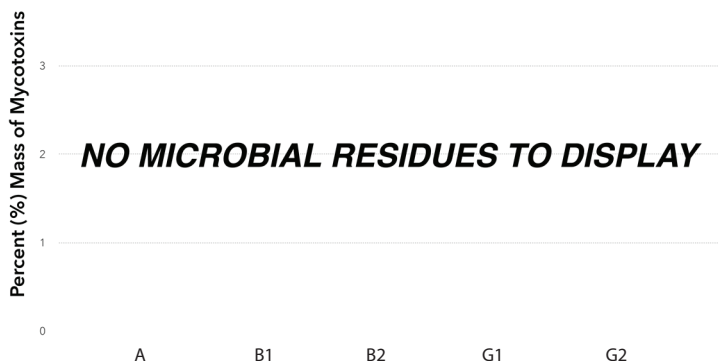
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### PHYTO Plus 15.02% Total CBD+CBDA: Microbial Profile

Component	Amount (mg/g)	Result
Listeria / Monocytogenes	1 g	Not Detected
Escherichia c.	1 g	Not Detected
Salmonella	25 g	Not Detected
Yeast	1 g	Not Detected
Mold	1 g	Not Detected

\*ND - Not detected

### All Mycotoxins at Non Detectable (ND) levels



### Nutrition Facts

Component	%
Moisture and volatile content	2.28
Protein	0.29
Total Fat	96.61
Total Carbohydrates	ND
Dietary fibers	ND
Sugars	ND
Ash	ND

\*ND - Not detected

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# PHYTO+ Certificate of Analysis:

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## Heavy Metals Profile

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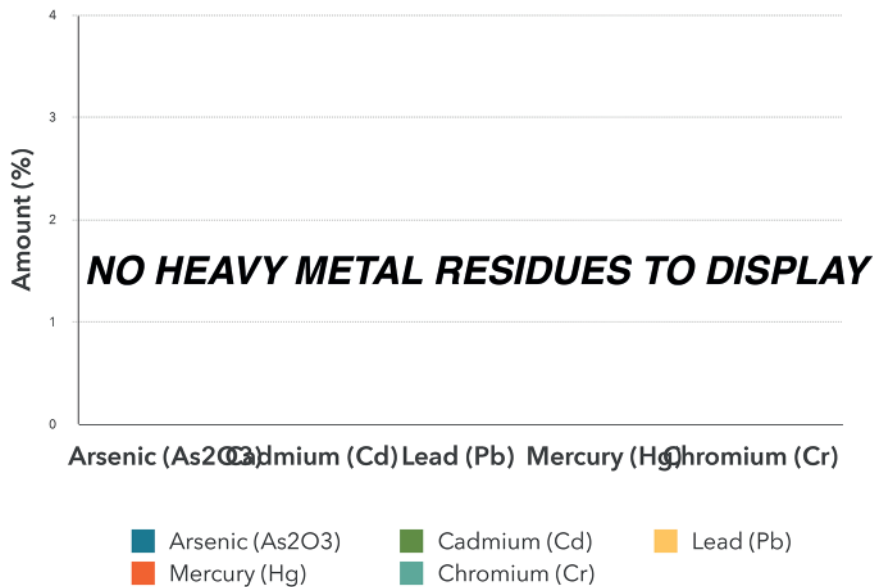
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### PHYTO Plus 15.02% Total CBD+CBDA: Heavy Metals Profile

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

\*ND - Not detected, \*\*Codex STAN 193-1995, GB 2762, EC No. 1881/2006, FDA

### All Heavy Metals at Non Detectable (ND) levels



### Conclusions:

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

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