

Endoca Certificate of Analysis: Organic Hemp CO₂ Extract

Endoca USA
2305 Historic Decatur Rd San Diego USA
Phone: +1-619-831-0156
infousa@endoca.com
www.endoca.com
ISO 22000 certified
HACCP certified; GMP certified

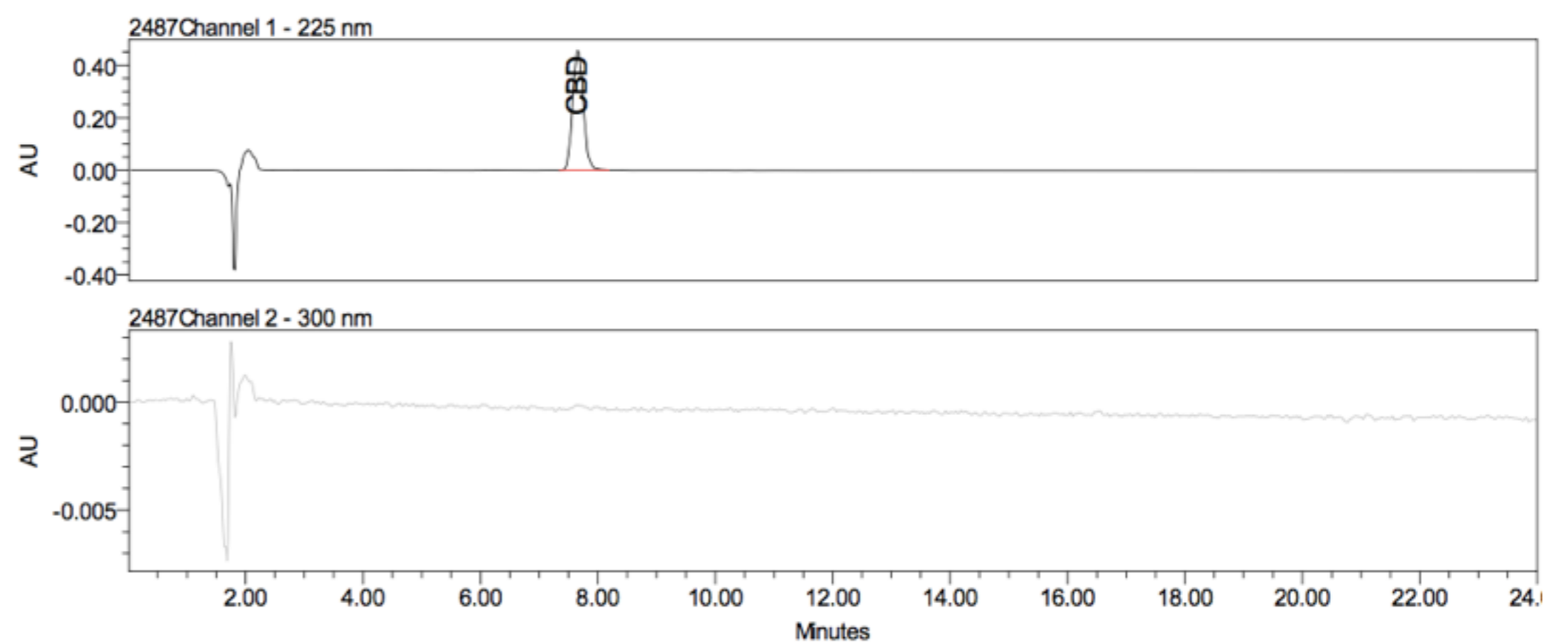
Responsible Supervisor: Martin V.
Sample: Batch# 1216
Date samples received: 16-December 2018
Date analysis began: 16-December 2018
Date sample report produced: 18-December 2018
ID Number when available: _____
Sample Mass: 1 g

CBD 98.02%

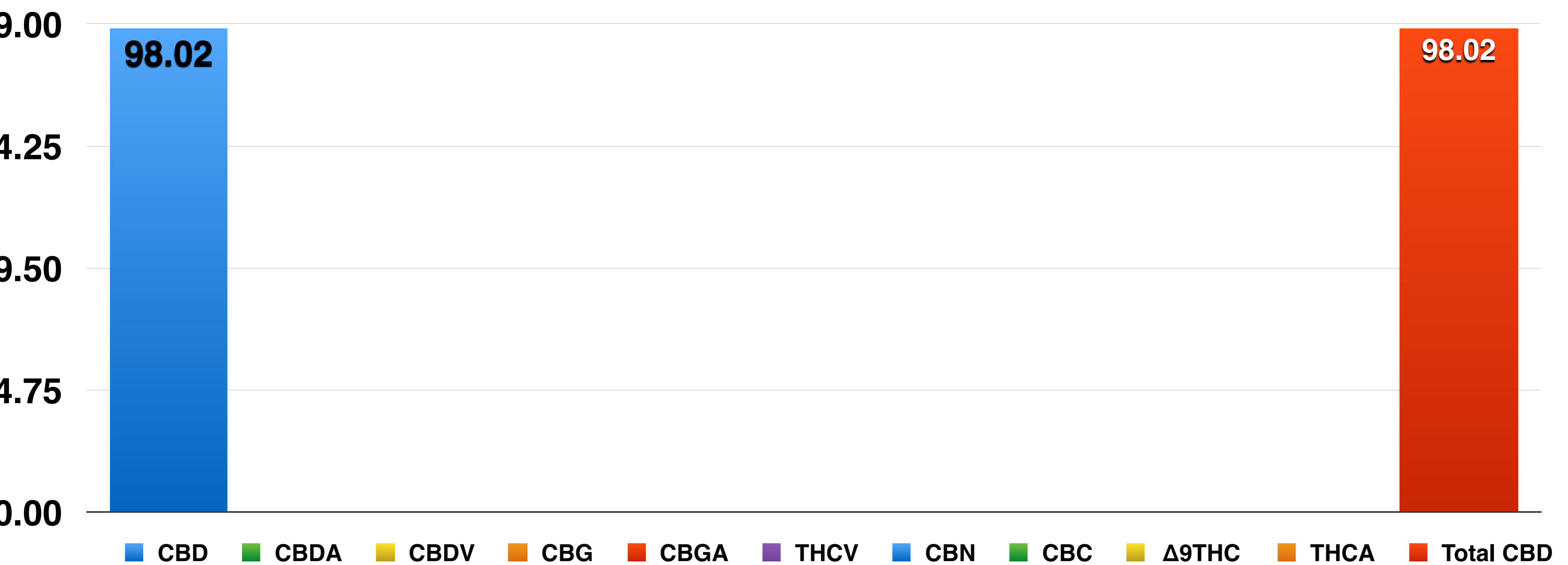
Method: HPLC-UV

Cannabinoid Profile:

Component	Mass (%)	Amount (mg/g)
CBD	98.02	980.20
CBDA	≤0.01	≤0.10
CBDV	≤0.01	≤0.10
CBG	≤0.01	≤0.10
CBGA	≤0.01	≤0.10
THCV	≤0.01	≤0.10
CBN	≤0.01	≤0.10
CBC	≤0.01	≤0.10
Δ9THC	≤0.10	≤1.00
THCA	≤0.10	≤1.00
Total CBD	98.02	980.20



Cannabinoids as Percent of Total Mass



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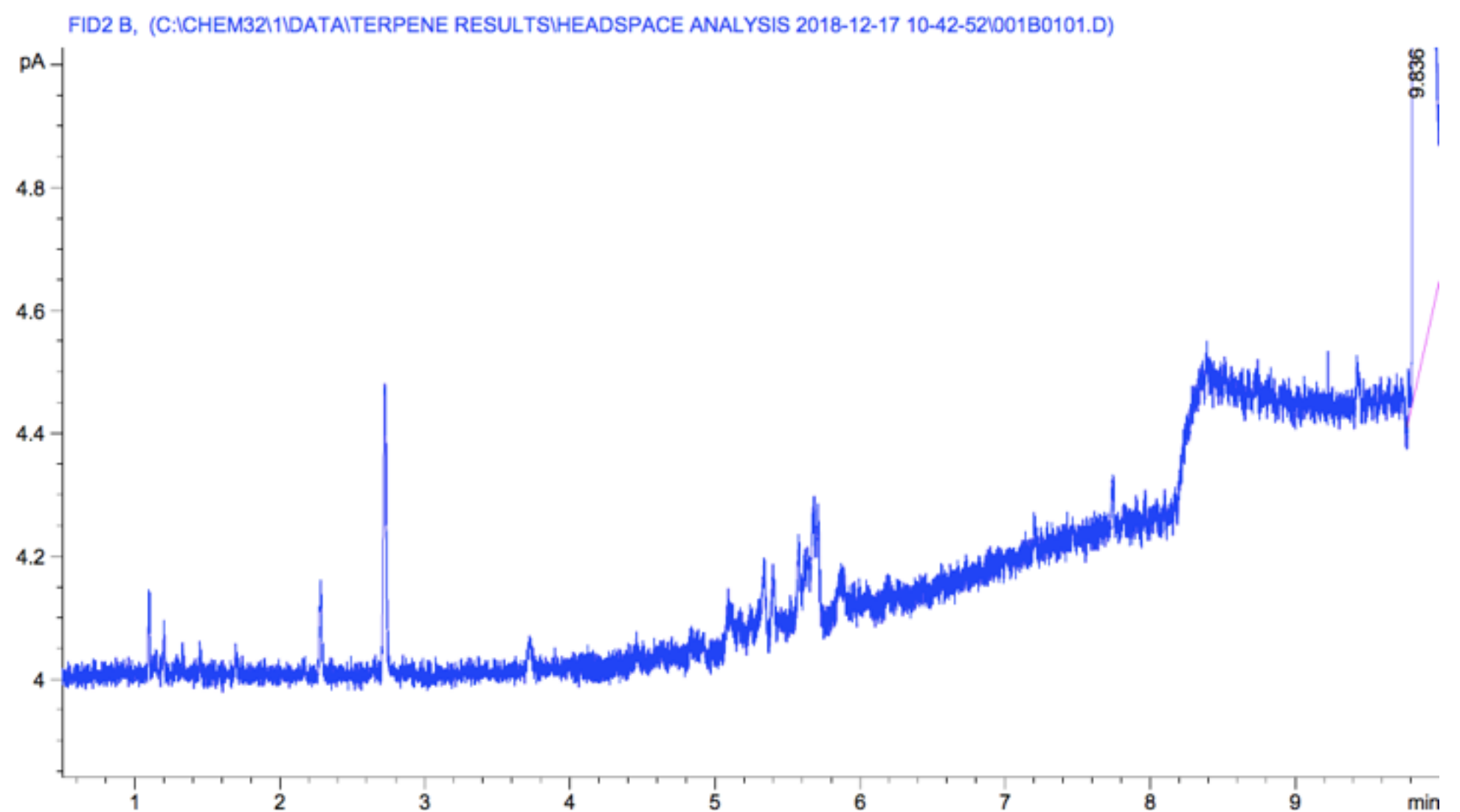
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Terpenoid Profile:

Method: HS-GC-FID

Component	Amount %
β-Caryophyllene	ND
α-Humulene	ND
Caryophyllene oxide	ND
Myrcene	ND
α-Pinene	ND
Terpinolene	ND
Humulene epoxide II	ND
Limonene	ND
β-Pinene	ND
E-β-Ocimene	ND
Sabinene	ND
Linalool	ND

ND - Not Detected



Terpenoid Distribution

- β-Caryophyllene
- α-Humulene
- Caryophyllene oxide
- Myrcene
- α-Pinene
- Terpinolene
- Humulene epoxide II
- Limonene
- β-Pinene
- E-β-Ocimene
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- Linalool

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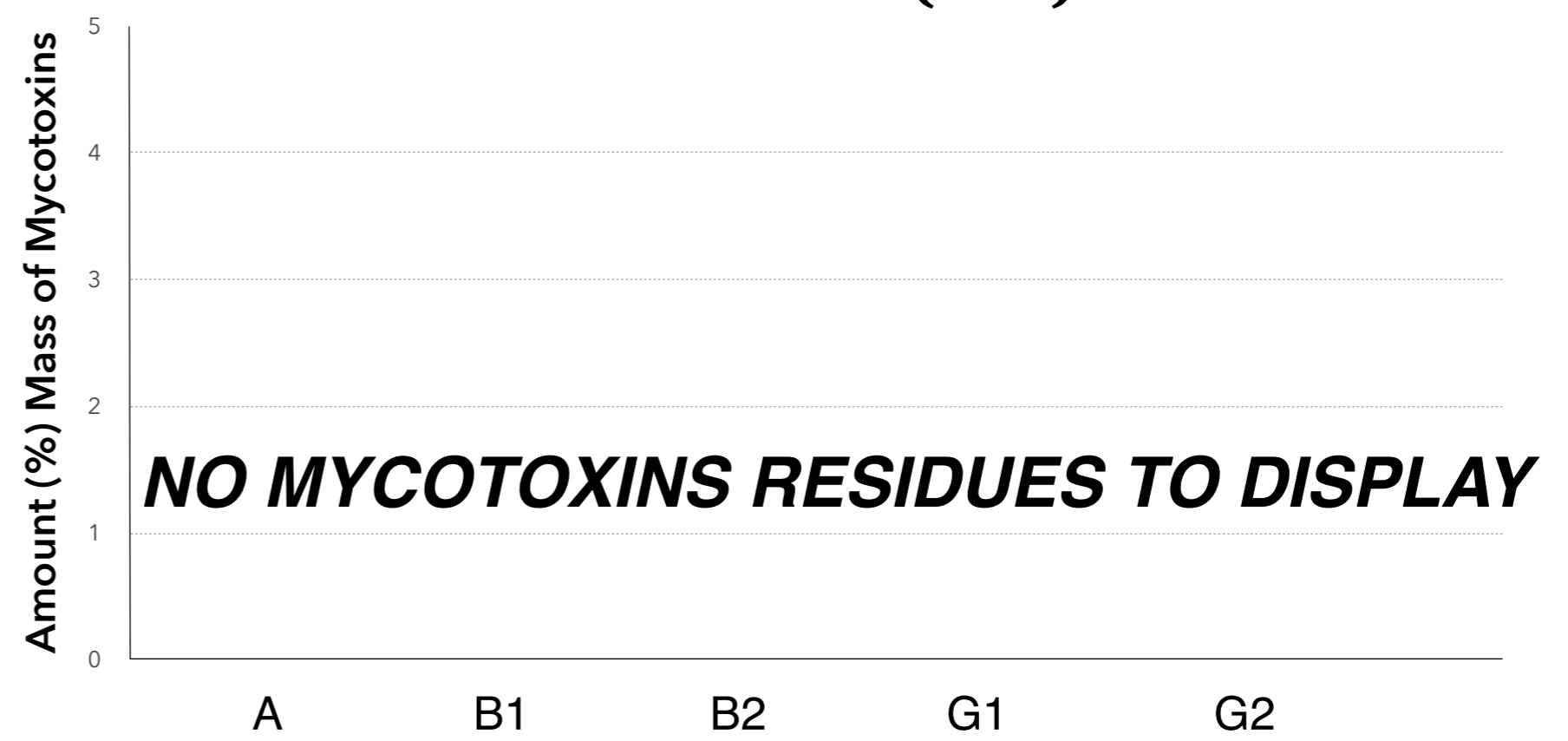
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Microbial Profile:

Component	Results
<i>Listeria m.</i>	1 g ND*
<i>Escherichia c.</i>	1 g ND*
<i>Salmonella</i>	25 g ND*
Yeast	1 g ND*
Mould	1 g ND*

*ND - Not detected

All Mycotoxins at Non Detectable (ND) levels



Nutrition Facts

Component	%
Moisture and volatile matter content	0.49
Protein content	ND*
Total fat content	99.50
Carbohydrates content	ND*
Total Fiber content	ND*
Total sugars content	ND*
Total ash content	ND*

*ND - Not detected

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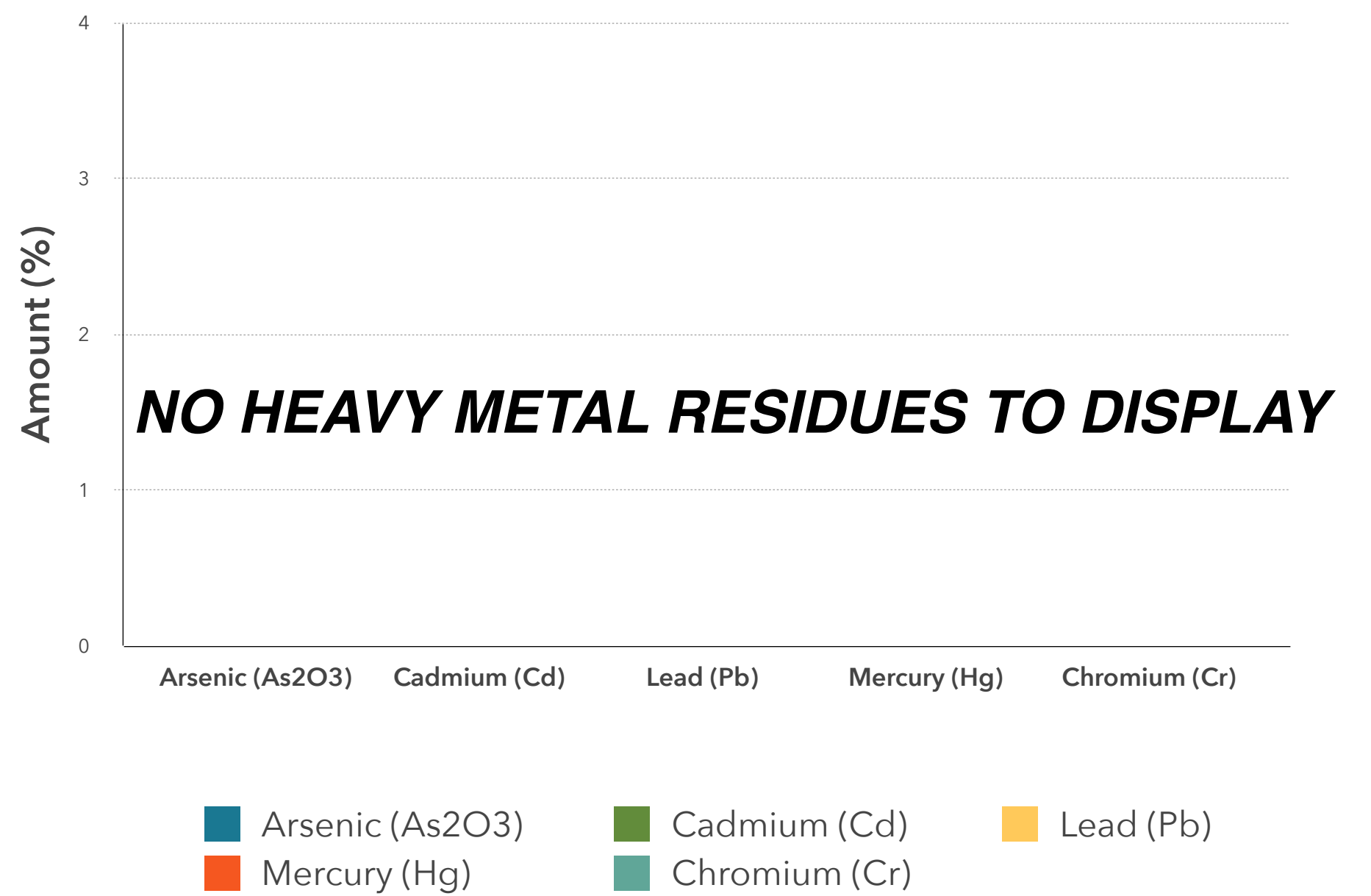
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Heavy Metals Profile:

Component	Mass (%)	Amount (ppm)	Limit** (ppm)
Arsenic (As ₂ O ₃)	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.