

Endoca Certificate of Analysis:

Endoca BV
 Siriusdreef 17 2132 WT Hoofddorp EU
 Phone: +31-238-080-104
 info@endoca.com
 www.endoca.com
 ISO 22000 certified
 HACCP certified; GMP certified

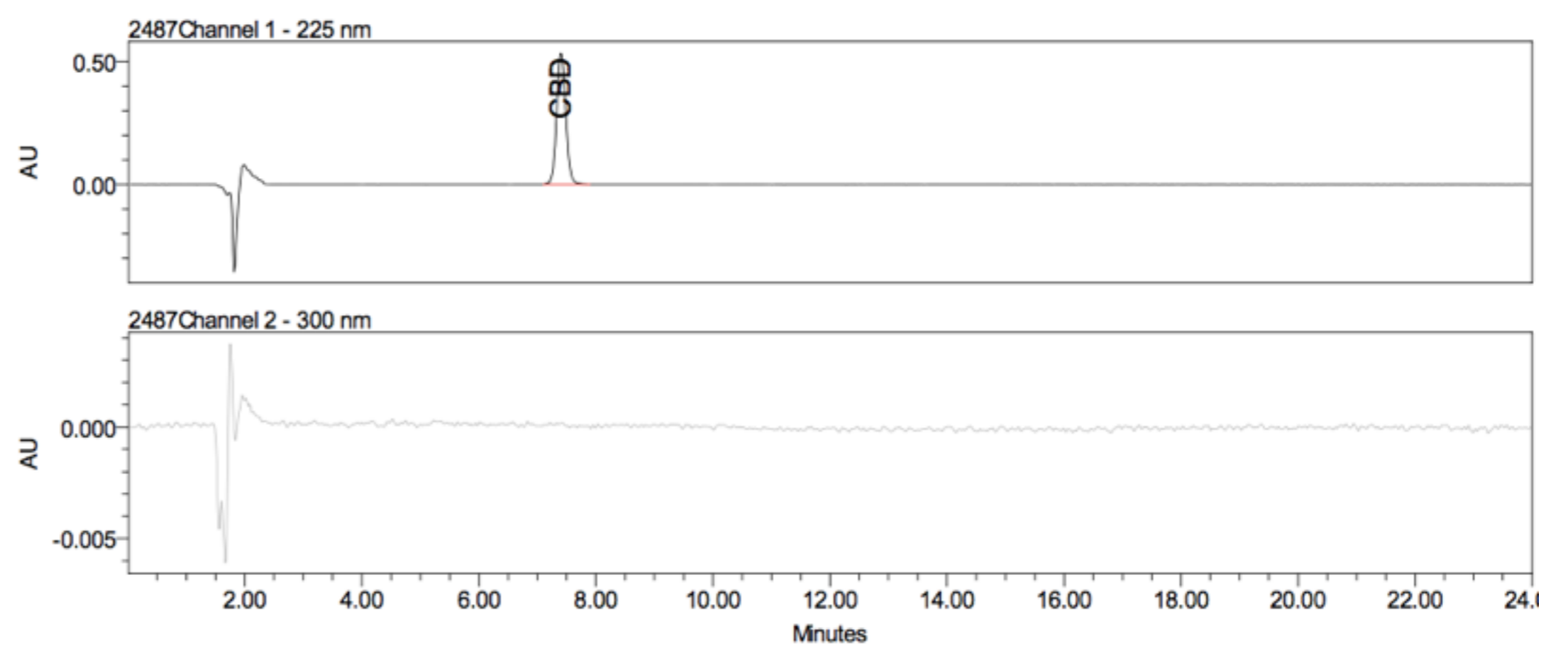
Responsible Supervisor: Martin V.
 Sample: Batch# 1231
 Date samples received: 21-January 2019
 Date analysis began: 21-January 2019
 Date sample report produced: 24-January 2019
 ID Number when available: _____
 Sample Mass: 1 g

Total CBD 98.82% Cannabinoid Profile:

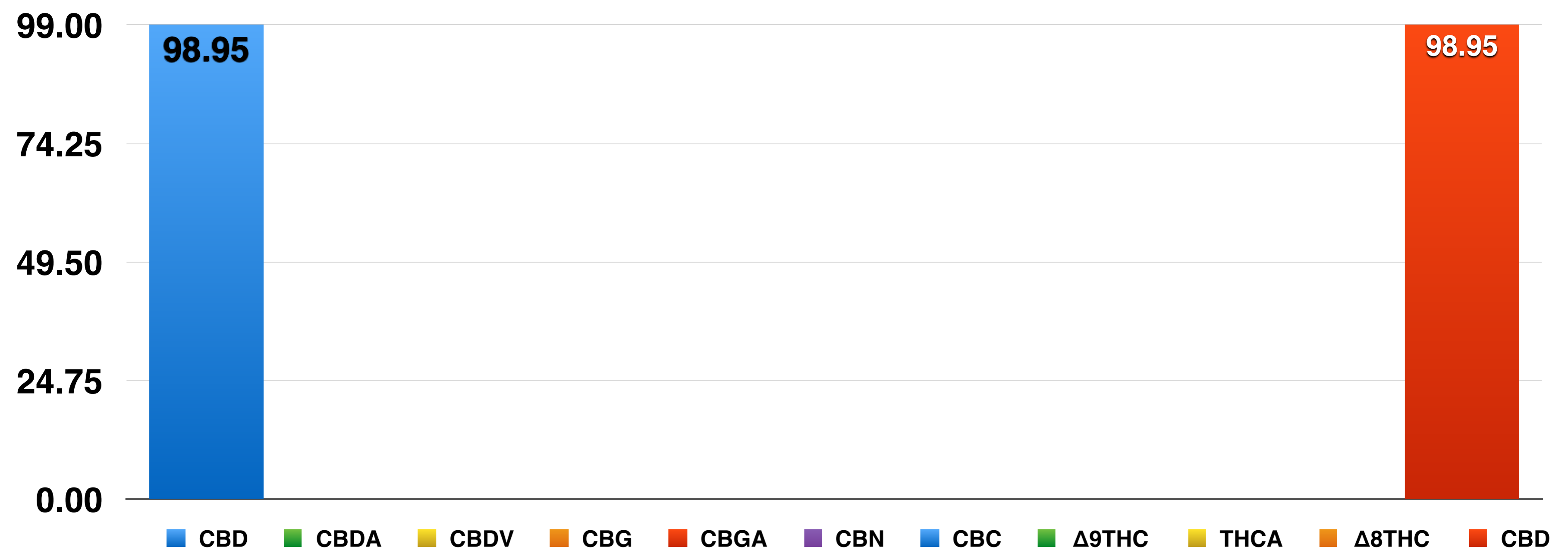
Component	Mass (%)	Amount (mg/g)
CBD	98.95	989.50
CBDA	<0.01	<0.10
CBDV	<0.01	<0.10
CBG	<0.01	<0.10
CBGA	<0.01	<0.10
CBN	<0.01	<0.10
CBC	<0.01	<0.10
Δ9THC	<0.01	<0.10
THCA	<0.01	<0.10
Δ8THC	<0.01	<0.10
CBD	98.95	989.50

N.D. - Not detected

HPLC-UV Analysis Method



Cannabinoids as Percent of Total Mass



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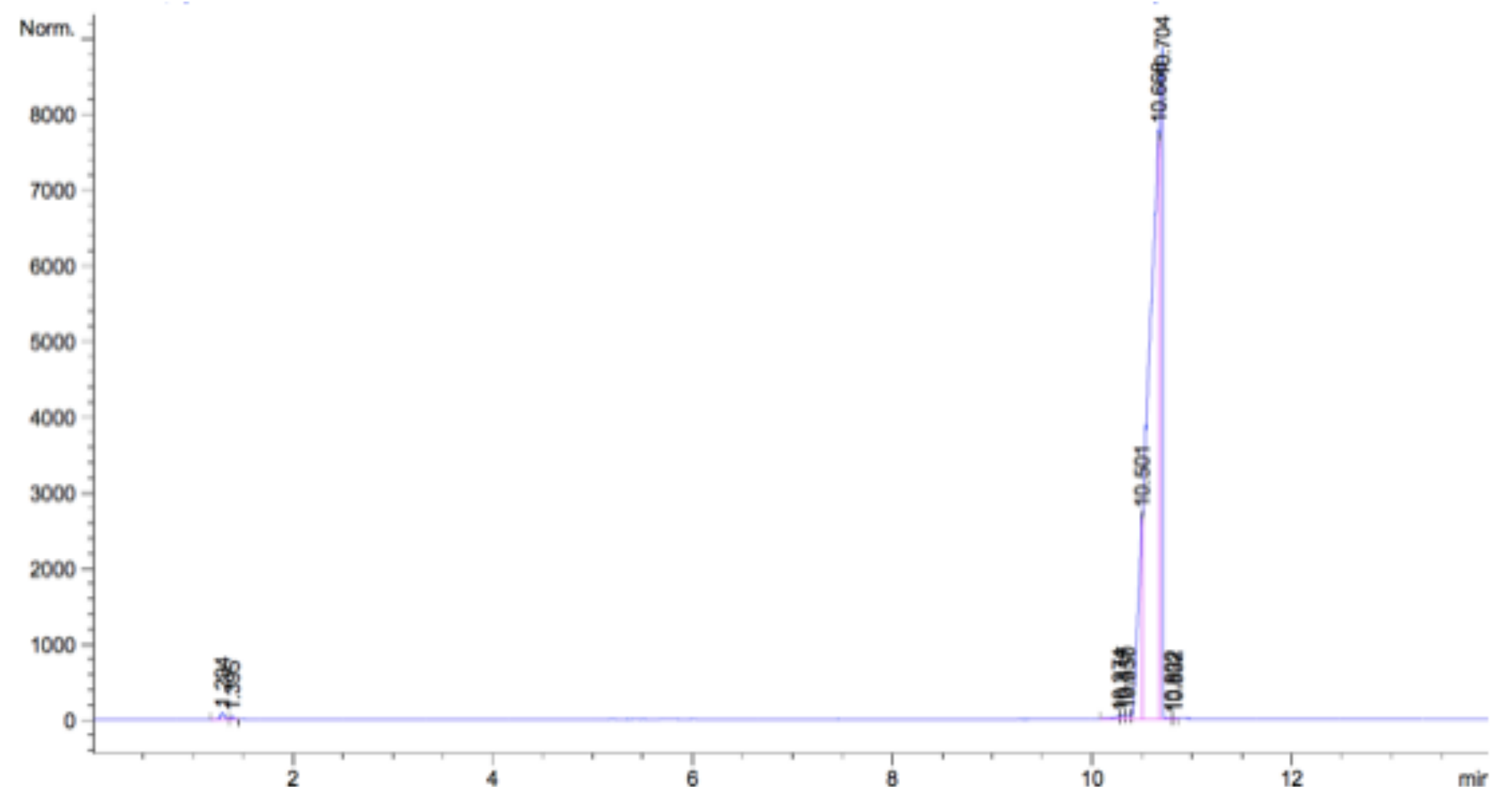
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Residual Solvents Profile:

Component	Amount %
Methanol	ND
Ethanol	ND
Hexane	ND
Ethylacetate	ND
Isopropanol	ND
Acetone	ND
Acetonitrile	ND
Toluene	ND
Dichlormethane	ND
Chloroform	ND
Ethylbenzene	ND
Xylene	ND

ND - Not Detected

HS-GC-FID Analysis Method



Terpenoid Distribution

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

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ID Number when available:	
Sample Mass	1 g

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	ND*
Protein content	ND*
Total fat content	ND*
Carbohydrates content	ND*
Total Fiber content	ND*
Total sugars content	ND*
Total ash content	ND*

*ND - Not detected

Endoca Certificate of Analysis:

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

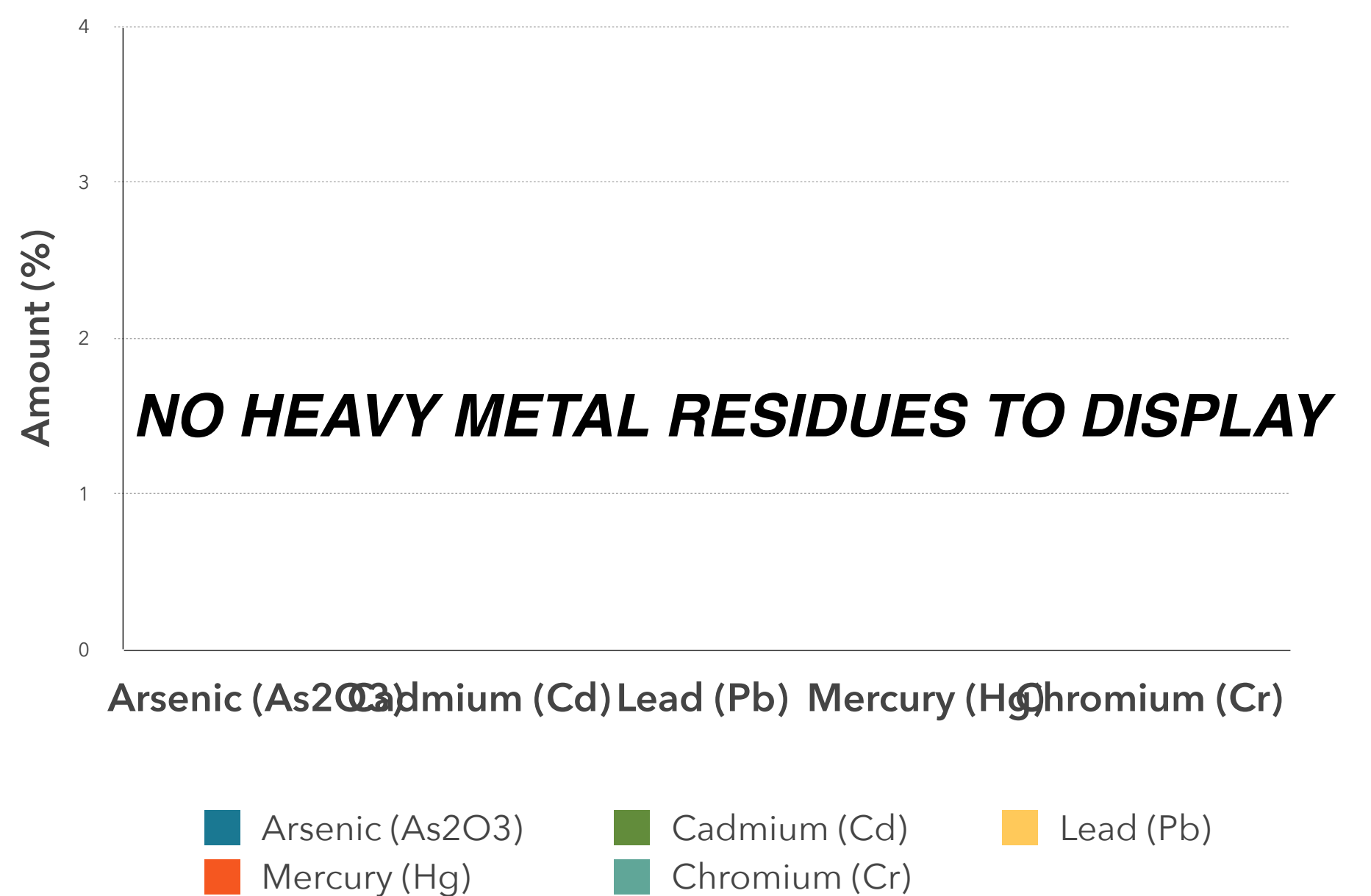
Responsible Supervisor: Martin V.
 Sample Batch# 1142
 Date samples received: 23-October 2018
 Date analysis began: 23-October 2018
 Date sample report produced: 23-October 2018
 ID Number when available: _____
 Sample Mass 1 g

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.