

Test Certificate No.: 151-008176

Customer: Beyond Organics

Date Received: 3/21/2016

Sample: THC

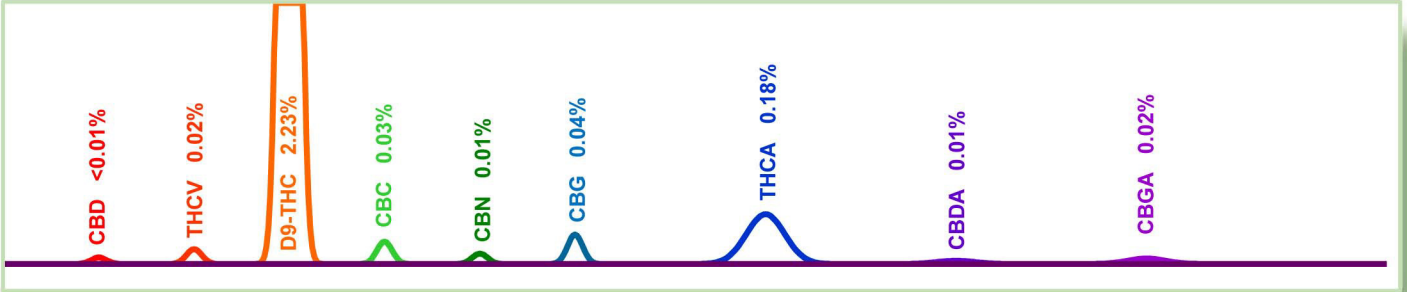
Test Date: 3/21/2016

Matrix: Edible

Technician: LA/JFD

CANNABINOID PROFILE [Procedure WI-10-04]:

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

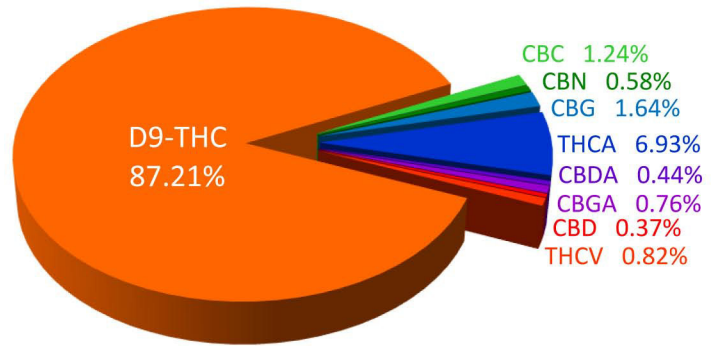


Total Cannabinoids Measured

Test	Weight %	Conc.
CBD	< 0.01%	0.09 mg/g
THCV	0.02%	0.21 mg/g
Δ9-THC	2.23%	22.31 mg/g
CBC	0.03%	0.32 mg/g
CBN	0.01%	0.15 mg/g
CBG	0.04%	0.42 mg/g
THCA	0.18%	1.77 mg/g
CBDA	0.01%	0.11 mg/g
CBGA	0.02%	0.19 mg/g
CBDV	< 0.01%	< 0.01 mg/g
Max THC	2.39%	23.87 mg/g
Max CBD	0.02%	0.19 mg/g
Total Active	2.35%	23.50 mg/g
Total	2.56%	25.58 mg/g

Distribution of Cannabinoids

- CBD
- THCV
- D9-THC
- CBC
- CBN
- CBG
- THCA
- CBDA
- CBGA
- CBDV

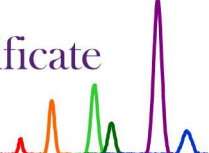


VISUAL AND MICROSCOPIC INSPECTION [Procedure WI-10-03]:

Inspection Comments: None



ProVerde Laboratories, Inc. 420 Fortune Blvd. Milford, MA 01757 617.221.3356	Christopher Hudalla, CSO	Date
		3/26/2016



Test Certificate No.: 151-008177

Customer: Beyond Organics

Date Received: 3/21/2016

Sample: CBD (RP2)

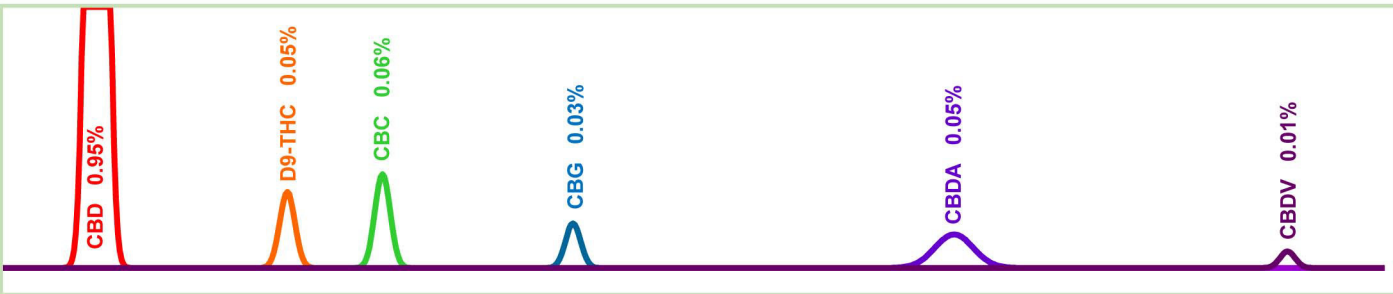
Test Date: 3/21/2016

Matrix: Tincture

Technician: LA/JFD

CANNABINOID PROFILE [Procedure WI-10-04]:

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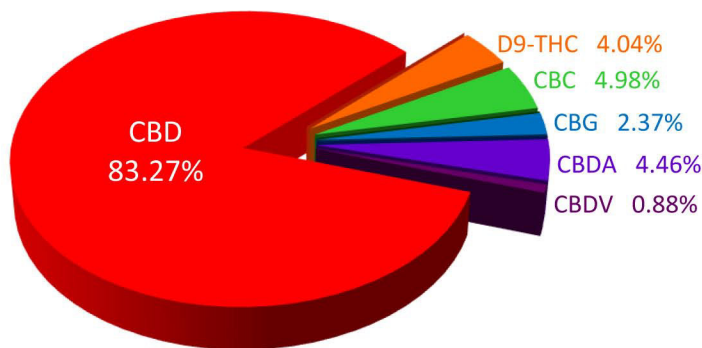


Total Cannabinoids Measured

Test	Weight %	Conc.
CBD	0.95%	8.78 mg/mL
THCV	< 0.01%	< 0.01 mg/mL
Δ9-THC	0.05%	0.43 mg/mL
CBC	0.06%	0.53 mg/mL
CBN	< 0.01%	< 0.01 mg/mL
CBG	0.03%	0.25 mg/mL
THCA	< 0.01%	< 0.01 mg/mL
CBDA	0.05%	0.47 mg/mL
CBGA	< 0.01%	< 0.01 mg/mL
CBDV	0.01%	< 0.01 mg/mL
Max THC	0.05%	0.43 mg/mL
Max CBD	0.99%	9.19 mg/mL
Total Active	1.09%	10.08 mg/mL
Total	1.14%	10.55 mg/mL

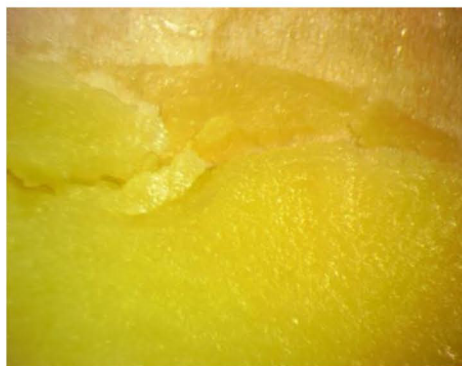
- CBD
- THCV
- D9-THC
- CBC
- CBN
- CBG
- THCA
- CBDA
- CBGA
- CBDV

Distribution of Cannabinoids

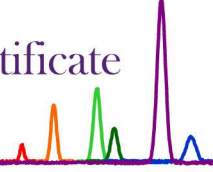


VISUAL AND MICROSCOPIC INSPECTION [Procedure WI-10-03]:

Inspection Comments: None



ProVerde Laboratories, Inc. 420 Fortune Blvd. Milford, MA 01757 617.221.3356	Christopher Hudalla, CSO	Date
	<i>Christopher Hudalla</i>	3/26/2016



Test Certificate No.: 151-008178_HM
Sample: 91 SI (RP3)
Matrix: Bud

Customer: Beyond Organics

Date Received: 3/21/16
Test Date: 3/23/16
Technician: JFD

ELEMENTAL ANALYSIS [PicoFox TXRF]:

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Metal	Symbol	Conc. ¹ (ppm)	LLD (ppm)	Limits ² (ppm)
Chromium	Cr	0.64	0.091	NA
Nickel	Ni	0.02	0.000	500.0
Arsenic	As	0.41	0.024	1.5
Cadmium	Cd	ND	3.196	25.0
Mercury	Hg	ND	0.014	15.0
Lead	Pb	0.34	0.033	5.0

- 1) ND = None detected to Lowest Limits of Detection (LLD)
- 2) USP exposure limits based on daily oral dosing of 1g of concentrate for a 110 lb person.

ProVerde Laboratories, Inc. 420 Fortune Blvd. Milford, MA 01757 617.221.3356	Authorization: Christopher Hudalla, CSO	Date
	Signature: <i>Christopher Hudalla</i>	3/25/2016

Test Certificate No.: 151-008179-MB1

Customer: Beyond Organics

Date Received: 3/21/2016

Test Date: 03/21/2016

Matrix: Bud

Technician: MS

MICROBIOLOGICAL SCREENING [TEMPO]: MBI

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Label	Sample Name	Total Aerobic	Total Coliform	Entero-bacteria	Yeast & Mold	Status
8179	Bud	<100	<100	<100	<100	All tested microbiological conaminants within recommended limits*
*Recommended Limits for Unprocessed material		100,000	1,000	1,000	10,000	Source: American Herbal Pharmacopoeia

ProVerde Laboratories, Inc. 420 Fortune Blvd. Milford, MA 01757 617.221.3356	Authorization: Christopher Hudalla, CSO	Date
	Signature: <i>Christopher Hudalla</i>	3/26/2016

Client:

Beyond Organics

Sampling Location:

Maine

Report Date:

3/28/2016

Report Status:

Final Report

Order Number:

#1634

Laboratory:

ProVerde Laboratories, Inc.

420 Fortune Blvd.

Milford, MA 01757

617-221-3356

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received	Weight of Sample
151-008180	Chemish (RP5)	Cannabis Flower	3/21/16	3/21/16	1 bag

Case Narrative:

Sample was submitted at room temperature in a sealed bottle. For the pesticide analysis, some of the pesticides evaluated were not recovered from a spiked matrix sample.

Sample Submission and Testing Requested:

The client sample of Chemish (Cannabis Flower, 1 bag) was submitted on 3/21/16. The testing requested is summarized in Table 1 below:

Table 1.

Test Request	Code	Procedure	Analytes teste
Pesticide Residue	PS	WI-10-11	Pesticide analysis by LC/MS/MS

Pesticide Residue [Procedure WI-10-11]
Analyst: LA
Test Date: 3/21/16

A sample of Chemish was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

151-008180-PS

Analyte	CAS	Result	Unit	LLD (ppb)	Limit (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.20	10	*
Bifenazate	149877-41-8	ND	ppb	0.01	10	PASS
Etoxazole	153233-91-1	ND	ppb	0.01	10	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.07	10	PASS
Imazalil	35554-44-0	ND	ppb	0.03	10	*
Imidacloprid	138261-41-3	ND	ppb	0.06	10	PASS
Myclobutanil	88671-89-0	ND	ppb	0.03	10	PASS
Spiromesifen	283594-90-1	ND	ppb	0.01	10	PASS
Spirotetramat	203313-25-1	ND	ppb	0.01	10	PASS

Analyte	CAS	Result	Unit	LLD (ppb)	Limit (ppb)	Status
Trifloxystrobin	141517-21-7	ND	ppb	0.02	10	PASS
Spinosad	168316-95-8	ND	ppb	0.01	10	PASS
Acequinocyl	57960-19-7	ND	ppb	0.50	10	*
Bifenthrin	82657-04-03	ND	ppb	0.11	10	*
Chlormequat chloride	999-81-5	ND	ppb	0.09	10	*
Cyfluthrin	68359-37-5	ND	ppb	0.50	10	*
Daminozide	1596-84-5	ND	ppb	10.00	10	*
Paclobutrazol	76738-62-0	ND	ppb	0.05	10	PASS
Pyrethrins	8003-34-7	ND	ppb	0.06	10	*

Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 5. ND indicates "none detected" above the 10ppb threshold. Analytes marked with () indicate analytes for which no recovery was observed for a pre-spiked matrix sample.