


WSLCB NARRATIVE / EVIDENCE REPORT

 Washington State Liquor Control Board	TYPE OF REPORT (Select all that apply) <input type="checkbox"/> CITATION / NOI <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> AVN <input type="checkbox"/> OBSERVED <input checked="" type="checkbox"/> REFERRED	INCIDENT/CASE NUMBER
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ADDITIONAL ATTACHMENTS:
 PHOTOGRAPH(S) STATEMENT(S) LICENSEE NOTIFIED: Dax Colwell & Boris Gorodnitsky

EVIDENCE / ATTACHMENTS (TYPE OF ACTION: 1. SEIZED EVIDENCE 2. PHOTOGRAPHED 3. STATEMENTS 4. DESTROYED)

ITEM #	DESCRIPTION	QUANTITY	STORAGE LOCATION	ACTION #
#1	NEW LEAF'S INTERNAL PESTICIDE TEST RESULTS	1	ELECTRONIC NOTEBOOK	# 3
ITEM #	DESCRIPTION	QUANTITY	STORAGE LOCATION	ACTION #
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NARRATIVE/STATEMENTS:

On 01-08-2016, at approximately 14:30 hours, Chief Nordhorn, Deputy Chief Johnson and I met with New Leaf Enterprises licensees Dax Colwell, Boris Gorodnitsky, and their attorney, Randall P. Olsen, to discuss unauthorized pesticides issues identified in samples of plants that had been collected on 11-12-2015. The meeting was held at the Liquor and Cannabis Board's headquarters building in Olympia.

During the meeting, the licensees informed us that they had conducted their own, follow-up pesticide screening tests on cured flower that had been produced by plants propagated prior to 11-12-2015. They also said that they retested New Leaf's mother plants. (Plant samples collected on 11-12-2015 pursuant to a complaint investigation had tested positive for three unauthorized pesticides: Dinotefuran (Safari 20), Spiromesifen, and Myclobutanil (Eagle 20).)

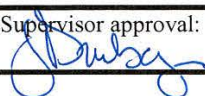
Colwell and Gorodnitsky admitted that their tests revealed that the unauthorized pesticides remained on the finished product and mother plants. They also said that they purchased marijuana products at retail stores that had been produced by other marijuana licensed growers. Colwell and Gorodnitsky said that some of these products had also tested positive for residue of unauthorized pesticides. However, Colwell and Gorodnitsky declined to provide the names of these marijuana producers (see attached).

Colwell and Gorodnitsky said that Eagle 20 and Safari 20 are pesticides that they use with their medical cannabis operation. They said that these pesticides are not applied to plants at their licensed grow. The licensees said that the unauthorized pesticides detected in the November 12th samples came from mother plants introduced to their facility during the 15-day window upon licensure.

Colwell and Gorodnitsky said that the mother plants had passed the Eagle 20 and Safari 20 to clones (i.e., cuttings) propagated into plants from them. However, Gorodnitsky said that these original mother plants no longer existed. This generation of mother plants had since been replaced by subsequent generations of mother plants, cloned from the original mother plants. Gorodnitsky said there had been two to four generations of mother plants since New Leaf received a license. New Leaf was licensed as a marijuana producer and processor on 01-08-2015.

"I certify or (declare) under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct to the best of my knowledge."

CITY: Olympia SIGNATURE:  DATE: 01/28/2016

OFFICER NAME Joshua Bolender	NUMBER 41	AREA 7A	Supervisor approval: 	SUPERVISOR Jennifer Dzubay
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Summary of Dama's Internal Pesticide Testing

	FDA MRL range for ag. crops (PPM)		Dama production 1		Dama production 2		Dama mother		Non-Dama 1		Non-Dama 2		Non-Dama 3		Non-Dama 4	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Myclobutanil	0.2	2.0	0.023	0.023	0.024	0.024	0.672	0.672	0.636	0.636	2.300	2.300	0.000	0.000	0.072	0.072
Dinotefuran	0.1	8.0	0.045	0.045	0.030	0.030	2.560	2.560	0.740	0.740	0.000	0.000	0.000	0.000	0.092	0.092

Sources for MRL

Myclobutanil <http://www.codexalimentarius.net/pestres/data/pesticides/details.html?id=181>

Dinotefuran <http://www.codexalimentarius.net/pestres/data/pesticides/details.html?id=255>

Summary of Dama's Internal Pesticide Testing

	FDA MRL range							
	for ag. crops (PPM)	Dama production 1	Dama production 2	Dama mother	Non-Dama 1	Non-Dama 2	Non-Dama 3	Non-Dama 4
<i>Myclobutanil</i>	0.2 to 2.0	0.023	0.024	0.672	0.636	2.300	0.000	0.072
<i>Dinotefuran</i>	0.1 to 8.0	0.045	0.030	2.560	0.740	0.000	0.000	0.092

Sources for MRL

Myclobutanil <http://www.codexalimentarius.net/pestres/data/pesticides/details.html?id=181>
Dinotefuran <http://www.codexalimentarius.net/pestres/data/pesticides/details.html?id=255>

Sample Detail

Sample Detail - Sample # NML-0020-15-012

Sample Date: 12/30/2015 3:30:00 PM
 Sample Description: Gilmour Professional Hand Sprayer - Empty
 Type (soil, water): Swab
 Collected By: Neil Lanning
 Location: New Leaf Enterprise
 GPS Coordinates: Latitude: 0 Longitude: 0
 Rush? Y
 Inv. Comments: Unknown what sprayer may have contained. Sprayers estimated to be 3 gallon size.
 Lab Comments:
 Diagrams:
 Chain of Custody:

Date Transferred	From	To	Method
12/30/2015 8:05:00 PM	Neil Lanning	LCB then to Lab (lab)	Hand-deliver

Sample Transmittal History:

Data Transmitted to Lab	Physical Sample Received at Lab
	1/7/2016

Tests requested:

Test Name
Dinotefuran
Abamectin
Bifenthrin
Chloromequat chloride
Daminozide
DDVP (Dichlorvos)
Imidacloprid
Myclobutanil
Paclobutrazol
Permethrin
Propiconazole
Spinosad
Spiromesifen
Uniconazole

Results:

Test Group: ENV 2015 Carbamate LCMSMS Scan					
Test Name	Result	MDL	LOQ	Units	Notes
Abamectin	ND	0.35	1.1	ug	
Dinotefuran	ND	0.34	1	ug	
Imidacloprid	ND	0.69	2.1	ug	
Spinosyn A	ND	0.45	1.4	ug	
Spinosyn D	ND	0.07	0.21	ug	
Spiromesifen	5.8	0.34	1	ug	
Test Group: ENV 2015 Organic Nitro LCMSMS Screen					
Test Name	Result	MDL	LOQ	Units	Notes
Myclobutanil	10	0.34	1	ug	
Paclobutrazol	ND	0.086	2.6	ug	
Propiconazole	ND	0.72	2.2	ug	
Test Group: ENV 2015 Organochlorine Pesticide Screen					
Test Name	Result	MDL	LOQ	Units	Notes
Bifenthrin	ND	0.21	0.63	ug	
cis_Permethrin	ND	0.29	0.87	ug	
trans_Permethrin	ND	0.26	0.78	ug	
Test Group: ENV 2015 Organophosphate Pesticide Screen					
Test Name	Result	MDL	LOQ	Units	Notes
DDVP	ND	4.2	12	ug	

Key to Units of Measure:
 ND = None Detected
 MDL = Minimum Detection Limit
 ppm = Parts Per Million
 ug = micrograms
 ug/ml = micrograms per milliliter

Sample Detail

Sample Detail - Sample # NML-0020-15-013

Sample Date: 12/30/2015 3:30:00 PM

Sample Description: Power Sprayer - estimated to be 20 gallon

Type (soil, water): Swab

Collected By: Neil Lanning

Location: New Leaf Enterprise

GPS Coordinates: Latitude: 0 Longitude: 0

Rush? Y

Inv. Comments: Unknown what sprayer last was used for - maybe Azamax. Note even though sample jar has scribbled out writing on the lid the bottle had not been opened until this sample was collected. It was written on for a sample the we decided not to collect.

Lab Comments:

Diagrams:

Date Transferred	From	To	Method
12/30/2015 8:05:00 PM	Neil Lanning	LCB then to Lab (lab)	Hand-deliver

Data Transmitted to Lab	Physical Sample Received at Lab
	1/7/2016

Tests requested:

Test Name
Dinotefuran
Abamectin
Bifenthrin
Chloromequat chloride
Daminozide
DDVP (Dichlorvos)
Imidacloprid
Myclobutanil
Paclobutrazol
Permethrin
Propiconazole
Spinosad
Spiromesifen
Uniconazole

Results:

Test Group: ENV 2015 Carbamate LCMSMS Scan					
Test Name	Result	MDL	LOQ	Units	Notes
Abamectin	ND	0.35	1.1	ug	
Dinotefuran	ND	0.34	1	ug	
Imidacloprid	ND	0.69	2.1	ug	
Spinosyn A	ND	0.45	1.4	ug	
Spinosyn D	ND	0.07	0.21	ug	
Spiromesifen	180	0.34	1	ug	
Test Group: ENV 2015 Organic Nitro LCMSMS Screen					
Test Name	Result	MDL	LOQ	Units	Notes
Myclobutanil	Q	0.34	1	ug	
Paclobutrazol	ND	0.086	2.6	ug	
Propiconazole	ND	0.72	2.2	ug	
Test Group: ENV 2015 Organochlorine Pesticide Screen					
Test Name	Result	MDL	LOQ	Units	Notes
Bifenthrin	ND	0.21	0.63	ug	
cis_Permethrin	ND	0.29	0.87	ug	
trans_Permethrin	ND	0.26	0.78	ug	
Test Group: ENV 2015 Organophosphate Pesticide Screen					
Test Name	Result	MDL	LOQ	Units	Notes
DDVP	ND	4.2	12	ug	

Foliage from Mother Plants in Veg Room



908 N Howard Street, Suite 101
Spokane, WA 99201
509-284-7522

Unique ID: NML-0020-15-005

Specimen Type: Flower

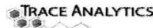
Date Received: 1/6/16

Lab ID: FL16-0009

Client: WSLCB

Date of Report: 1/19/16

Analysis Summary:



Cannabis samples were homogenized, and extracted using a modified QuEChERS AOAC protocol. The supernatant was injected for LCMS-MS analysis. Detection was carried out using a Shimadzu LCMS-8050 triple quadrupole mass spectrometer with a Shimadzu Prominence HPLC. Approximately 200 analytes were measured with over 500 MRM transitions per run.



Detailed Report:

Pesticide Testing Results:

Pesticide	Concentration (ppb)
Dinotefuran	1197
Boscalid	5788
Fludioxonil	12.4
Myclobutanil	79

1.197
5.788
0.0124
0.079

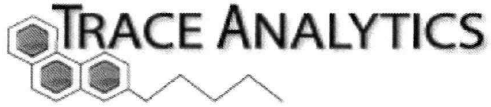
Sara Minier, MS
Senior Scientist

Jeff Corkill, PhD
Scientific Director

Unique ID: NML-0020-15-0005 /FL16-0009

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Foliage from Veg Room - All plants sampled
were started after
11/12/15



908 N Howard Street, Suite 101
Spokane, WA 99201
509-284-7522

Unique ID: NML-0020-15-004

Specimen Type: Flower

Date Received: 1/6/16

Lab ID: FL16-0008

Client: WSLCB

Date of Report: 1/19/16

Analysis Summary:



Cannabis samples were homogenized, and extracted using a modified QuEChERS AOAC protocol. The supernatant was injected for LCMS-MS analysis. Detection was carried out using a Shimadzu LCMS-8050 triple quadrupole mass spectrometer with a Shimadzu Prominence HPLC. Approximately 200 analytes were measured with over 500 MRM transitions per run.



Detailed Report:

Pesticide Testing Results:

Pesticide	Concentration (ppb)
Boscalid	145
Fludioxonil	1.3
Myclobutanil	51

.145
0.0013
0.051

Sara Minier, MS
Senior Scientist

Jeff Corkill, PhD
Scientific Director

Unique ID: NML-0020-15-0004 /FL16-0008

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Waste Foliage from all rooms



908 N Howard Street, Suite 101
Spokane, WA 99201
509-284-7522

Unique ID: NML-0020-15-006

Specimen Type: Flower

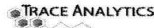
Date Received: 1/6/16

Lab ID: FL16-0010

Client: WSLCB

Date of Report: 1/19/16

Analysis Summary:



Cannabis samples were homogenized, and extracted using a modified QuEChERS AOAC protocol. The supernatant was injected for LCMS-MS analysis. Detection was carried out using a Shimadzu LCMS-8050 triple quadrupole mass spectrometer with a Shimadzu Prominence HPLC. Approximately 200 analytes were measured with over 500 MRM transitions per run.



Detailed Report:

Pesticide Testing Results:

Pesticide	Concentration (ppb)
Dinotefuran	13,435
Boscalid	81,788
Pyraclastrobin	399
Trifloxystrobin	78
Fludioxonil	417
Myclobutanil	1212

13.435 ppm

81.788 ppm

0.399

0.078

0.417

1.212

Sara Minier, MS
Senior Scientist

Jeff Corkill, PhD
Scientific Director

Unique ID: NML-0020-15-0006 / FL16-0010

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