



Paul R. LaPage, Governor

Mary C. Mayhew, Commissioner

Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel. (207) 287-8016
Fax (207) 287-9058; TTY (800) 606-0215

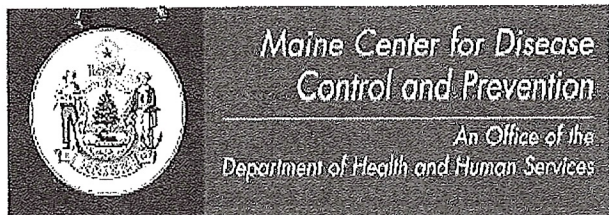
Certificate of Analysis

A hemp sample was hand delivered on 8/23/2016 to the Health and Environmental Testing Lab at approximately 10:40 hours by Gary Fish. The sample was taken on 8/2/2014 and the sample was to be analyzed for delta 9-THC. Per protocols in the literature the sample paper bag was placed in a chemical fume hood and allowed to dry. Wet weight mass on sample 2562570 was 1132.24 g with a dry mass on 9/9/16 was 30.32 and 2562568 was initially 114.37g with a dry weight of 28.77g. The sample was the extracted into chloroform and allowed to sit over night. The extract was then blown dry and reconstituted in an acetonitrile/water mixture to match the mobile phase. The diluted sample was injected into an Applied Biosystems 4000 Q-Trap (a tandem mass spectrometer) interfaced to an Agilent High Performance Liquid Chromatograph. The multiple reaction mechanisms were used. It was analyzed with a 5 point standard curve. The concentrations of the THC were between 9.5 and 9.8 mg/Kg (parts per million).

Summary: THC levels were well below the limit set for commercial hemp

Sincerely,

James. Curlett, Chemist III



Paul R. LaPage, Governor

Ricker Hamilton, Acting Commissioner

Department of Health and Human Services
Health and Environmental Testing Laboratory

221 State Street

#12 State House Station

Augusta, ME 04333-0012

United States Of America

Phone: (207)287-2727 Fax: (207)287-6832

TTY: 1-800-606-0215

GARY FISH
DEPT OF AGRICULTURE
28 STATE HOUSE STATION
Department of Agriculture, Conservation and Forestry
AUGUSTA ME 04333

Logged: 10/23/2017 8:00:23AM

Folder/ Invoice #: 1717749

Office Use Only:
DOA9

Project Name:

No. of Samples in Folder 2
1717749-01, 1717749-02

Released: 11/21/2017

Case #:

CERTIFICATION

The HETL hereby certifies that all test results for this sample were analyzed by the method listed, including preservation, preparation, and holding times, unless otherwise indicated.

Kenneth G. Pote, PhD., Director

Richard French, Quality Assurance Officer

If we can be of further assistance to you, Please Call us at 287-1716

Approved by:

James E. Curlett
Organics Supervisor/Chemist III

Continued from Previous Page

HETL Sample Number: 1717749-01

Matrix: Soils and Solids

Sampler: CAROLE NEIL

Method: ISBN 978-92-1-148242-3

Analyst: Jim Eaton

Description: 663 EAST BETHEL ROAD

Sample Point:

Sample Date: 10/20/2017 Time: 15:26:00

Analysis Date/Time: 11/20/2017 12:00:00AM

Analyte	Result	Units	RL	MCL	Qualifiers
THC IN HEMP	<500	mg/kg	500	3000	

Continued from Previous Page

HETL Sample Number: 1717749-02

Matrix: Soils and Solids

Sampler: CAROLE NEIL

Method: ISBN 978-92-1-148242-3

Analyst: Jim Eaton

Description: 663 EAST BETHEL ROAD

Sample Point:

Sample Date: 10/20/2017 Time: 15:26:00

Analysis Date/Time: 11/20/2017 12:00:00AM

Analyte	Result	Units	RL	MCL	Qualifiers
THC IN HEMP	<500	mg/kg	500	3000	

Units & Measurement

"mg/L" = Milligrams per liter;

"ug/L" = Micrograms per Liter;

"mg/Kg" = Milligrams per Kilogram;

"ug/Kg" = Micrograms per Kilogram;

"NTU" = Nephelometric Turbidity Units;

The MCL, Maximum Contaminant Level is listed for comparing your results with recommended levels.

In the "Qualifier" column, an " * " is placed to indicate any results that exceed this MCL.

If there are no " * " in the "Qualifier" column, your water is considered satisfactory for those tests.

All solid results are reported on a "Dry Weight" basis.

RL-Reporting Limit is the lowest concentration which can be reliably reported on a routine basis.

"<" = Less than ">" = Greater than

MCL - Maximum Contaminant Level is the highest level allowed by EPA for public water supplies. Also used here as the maximum advisory limit set by the Maine Centers for Disease Control and Prevention.

Note: Results below the advisory limit, including < and J are considered satisfactory for that parameter.

Disclaimer

Your report consists of the number of pages listed on the cover page. Any attachments after the last numbered page are for informational purposes only and not part of the formal report.

The results in this report are for the submitted sample(s) only.

This report shall not be reproduced, except in full, without written permission from the Maine Health and

Continued from Previous Page

Qualifiers Legend:

User selectable

Code	Description
*	> Secondary Limit
**	> MCL
~	Approximately
Ach	Above Calibration Curve
B	Blank Contamination
Hi	
J	<RL>MDL
Lo	
Nan	Not Analyzed
Nc	Not Confirmed
Nt	NonTarget Compound
R	Rejected
Rec	Recovery
T	Temperature does not meet criteria
U	Undetected



Maine Industrial Hemp Program
28 State House Station
Augusta, ME 04333-0028
Tel: (207) 287-3891
Fax: (207) 287-7548

CHAIN OF CUSTODY FORM

Inspection Number

102017CSN

Collector

Carole Neil

SAMPLES COLLECTED

Sample Number	Seal Number	Description
102017CSN01		663 East Bethel Road
102017CSN02		663 East Bethel Road

Analyze for

Δ9 THC

Priority ☐ High ☐ Normal

Destination Lab

HETL

CHAIN OF CUSTODY

Transfer 1	Relinquished by	Date	Received by	Date
	Carole Neil	10/20/17	Suzie McGowan	10-20-17
Transfer 2	Agency	Time	Agency	Time
	Agriculture, Conservation & Forestry	3:26	HETL #12 SHB	3:26
Transfer 3	Relinquished by	Date	Received by	Date
Transfer 4	Agency	Time	Agency	Time

Seal(s) broken by

Seal Number(s)

Original copy to stay with sample, to be returned with lab report. Anyone transferring custody, retain back copy.