

120 York Street  
Kennebunk, ME 04043  
(207) 467-3478

# NELSON ANALYTICAL LAB



ISO 17025:2017 Accreditation  
ANAB Certificate Number: AT-2169  
Maine CDC Accreditation MTF001  
Office of Marijuana Policy MTF328

**Report Date:** 29 April 2024

Down East Confections:

72 Dillingham Rd North Berwick ME , 03906:

Enclosed are the results of analytical testing performed on the following samples:

Laboratory ID	Sample Location	Date sampled	Date received
C24040608.01	1	26-Apr-24 00:00	26-Apr-24 13:00
C24040608.02	2	26-Apr-24 00:00	26-Apr-24 13:00

If you have any questions concerning this report, please feel free to contact the laboratory at 207-467-3478.

Lorri Maling  
Laboratory Director



# NELSON ANALYTICAL LAB

120 York Street  
 Kennebunk, ME 04046  
 (207) 467-3478

ISO 17025:2017 Certification  
 ANAB Certificate Number AT-2169  
 Maine CDC Accreditation # MTF001  
 Office of Marijuana Policy MTF328

Amount Received:

## REPORT OF ANALYSIS

Date sampled : 04/26/2024

Collected by: Client

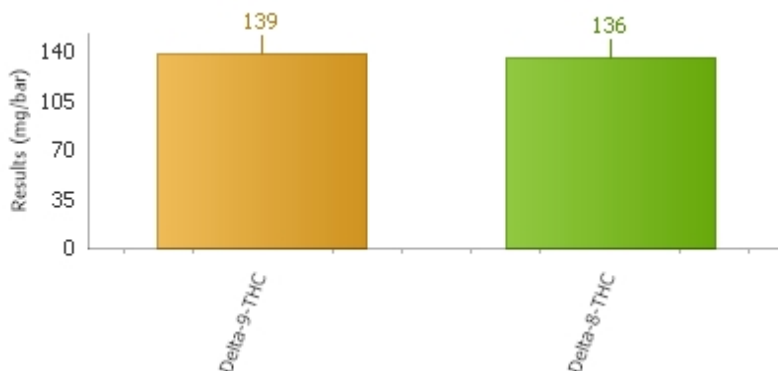
Down East Confections

Reported Date: 04/29/2024

C24040608.01

Temp Received:

1(Edible)



### Cannabinoids by HPLC

Analyte	Result	Reporting Limit	Units	Q	Analyzed	Method	Analyst	Pass/Fail Limit	Test Remarks
Cannabidiol (CBD)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Cannabidiolic acid (CBDA)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Cannabigerolic acid (CBGA)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Cannabigerol (CBG)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Cannabidiol (CBD)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Tetrahydrocannabinol (THCV)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Cannabinol (CBN)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Delta-9-THC	<b>139</b>	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Delta-8-THC	<b>136</b>	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Cannabichromene (CBC)	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
THCA-A	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	

### Total Cannabinoids by HPLC (Calculated)

Analyte	Result	Reporting Limit	Units	Q	Analyzed	Method	Analyst	Pass/Fail Limit	Test Remarks
CBD+CBDA- Calculated	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Total CBD-(Max CBD) Calculated	ND	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
THC+THCA- Calculated	<b>274</b>	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Total THC-(Max THC) Calculated	<b>139</b>	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Total THC-(Max THC+D8) Calculated	<b>274</b>	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Total Cannabinoids- Calculated	<b>274</b>	0.5	mg/bar		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	
Weight of edible submitted	<b>60.24</b>		g		04/26/2024 23:05	HPLC SOP-7	NRS	N/A	

Results as reported above relate only to samples as submitted, unless specifically noted otherwise.

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Amount Received:

## REPORT OF ANALYSIS

Date sampled : 04/26/2024

Collected by: Client

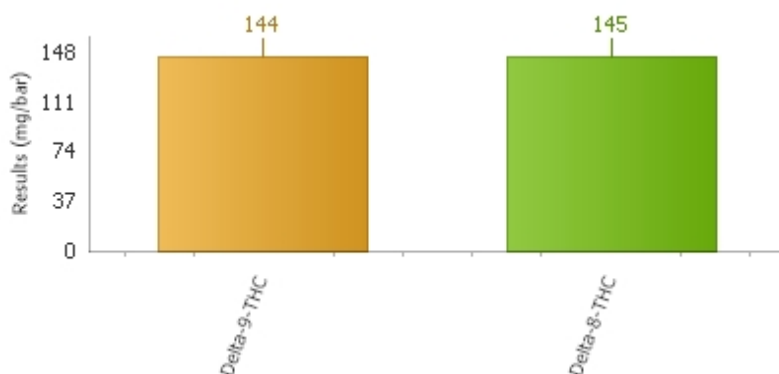
Down East Confections

Reported Date: 04/29/2024

C24040608.02

Temp Received:

2(Edible)



### Cannabinoids by HPLC

Analyte	Result	Reporting Limit	Units	Q	Analyzed	Method	Analyst	Pass/Fail Limit	Test Remarks
Cannabidiol (CBD)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Cannabidiolic acid (CBDA)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Cannabigerolic acid (CBGA)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Cannabigerol (CBG)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Cannabidiol (CBD)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Tetrahydrocannabinol (THCV)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Cannabinol (CBN)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Delta-9-THC	<b>144</b>	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Delta-8-THC	<b>145</b>	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Cannabichromene (CBC)	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
THCA-A	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	

### Total Cannabinoids by HPLC (Calculated)

Analyte	Result	Reporting Limit	Units	Q	Analyzed	Method	Analyst	Pass/Fail Limit	Test Remarks
CBD+CBDA- Calculated	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Total CBD-(Max CBD) Calculated	ND	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
THC+THCA- Calculated	<b>289</b>	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Total THC-(Max THC) Calculated	<b>144</b>	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Total THC-(Max THC+D8) Calculated	<b>289</b>	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Total Cannabinoids- Calculated	<b>289</b>	0.5	mg/bar		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	
Weight of edible submitted	<b>66.60</b>		g		04/26/2024 23:26	HPLC SOP-7	NRS	N/A	

Results as reported above relate only to samples as submitted, unless specifically noted otherwise.

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### Notes and Definitions

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Note: All sample results are based on samples as they are received. Not all potential/existing hazards were tested. Unless otherwise noted below, analyses were performed without significant modifications and QC met the quality standards outlined in the methods reported. For purposes of reporting the terms marijuana and cannabis are used interchangeably. The Pass/Fail column on the report references Maine Adult Use acceptance limits. The State of Maine does not require Medical Marijuana or Hemp to meet these acceptance limits currently.

Heat activation of cannabis products converts THCA to THC and CBDA to CBD in a time and temperature dependent manner. This conversion is known as decarboxylation and results from the loss of CO<sub>2</sub> during heating.

Total THC (Max THC) = Delta 8 THC + Delta 9 THC + (THCA x 0.877)

Total CBD (Max CBD) = CBD + (CBDA x 0.880)

Nelson Analytical is accredited for testing by ISO/IEC 17025:2017 and certified by ME CDC for the following parameters only:

Cannabinoids: Cannabinol (CBN), Cannabidiol (CBD)\*, Cannabidiolic Acid (CBDA)\*, Cannabigerol (CBG), Cannabigerolic Acid (CBGA), Cannabichromene (CBC), delta-9-THC\*, delta-8-THC, THCA-A\*, Tetrahydrocannabivarin (THCV), Cannabidivarin (CBDV) by High Pressure Liquid Chromatography (HPLC). Internal SOP-1/SOP-7 Analysis of Cannabinoids \*NOTE: ME CDC certification for CBD, CBDA, Delta 9 THC and THCA-A, Total THC and Total CBD.

Homogeneity (Internal SOP-1/SOP-7 Analysis of Cannabinoids)

Visual Inspection - Foreign Material Testing (Internal SOP-24-Visual Inspection)

% Moisture (Loss on drying) (Internal SOP 59 - % Moisture) ISO 17025 Accreditation

Metals Preparation and Analysis: Arsenic, Cadmium, Lead and Mercury (SOP-17- ICP MS based on EPA 200.8)

Mycotoxins: Total Aflatoxin and Ochratoxin by ELISA - Internal SOP-4 Total Aflatoxin and Ochratoxin

Yeast and Mold (based on AOAC Method 997.02/2014.05), Total Coliform and E. coli (based on AOAC Method 991.14) E. Coli P/A (based on AOAC 991.14), Aerobic Plate Count (based on AOAC Method 990.12), Enterobacteriaceae (based on OMA 2003.01), Salmonella (based on AOAC 2014.01) SOP-3-Microbiological analysis by Petri Film.

Water Activity (SOP-53-Water Activity-based on ASTM D81918)

Residual Solvents by GC/MS Headspace (SOP 66)

Pesticides by LCMSMS (based on ASTM SOP 69)

< or ND - Analyte result not detected above the method reporting limit. TNTC is to numerous to count.

All sample results are reported on an "as received" basis.

Edibles are reported in mg/serving. The serving size is defined by the customer for Adult Use testing. If the serving size is not defined by the customer (for R&D or Medical testing), the number reported is based on the weight of one unit of the product or as defined on the customer label. The mg/serving reported are based on weights of the serving size taken at the laboratory or supplied by the customer. The mg/package results reported are based on information supplied by the customer.

Edible conversion calculation: mg/g in serving x weight of serving = mg per serving

Mg/package conversion: mg/serving x servings per package = mg/package

The laboratory uncertainty is calculated and updated on a regular basis.

Cannabinoid and Terpene Analysis are based on laboratory developed methods. All other test methods are based on established EPA, USP, ASTM or FDA methods.

Matrix matched quality control check samples for cannabis are available for microbiological analysis in a hemp-based QC. Other matrix matched quality control samples for most matrices may be available for hemp but do not currently exist in cannabis. Due to this unavailability, even ISO/IEC validated methods cannot be fully verified for the efficiency and accuracy of the cannabis extraction and analysis in any current Maine Testing facility.

# QUALIFIER DEFINITION

## NELSON ANALYTICAL LAB

120 York Street, Kennebunk, ME 04043  
www.nelsonanalytical.com  
(207)467-3478 phone

**REPORT OF ANALYSIS**  
Laboratory ID: C24040608

NH ELAP Accreditation #NH2018  
Maine State Certification # ME00015  
Maine Radon Certification # ME17500

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### Qualifier Definition

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Sampling performed by the lab is according to the lab document "Water Sampling Instructions". EPA standards list pH & Chlorine as field parameters which should be tested immediately upon sample collection. Samples tested for pH after submission are beyond the hold time. Samples will be analyzed as quickly as laboratory operations allow. Metals samples preserved and analyzed on the same day do not meet the method criteria. #-Sample(s) received at laboratory do not meet method specified temperature criteria. #L-Sample(s) received in lobby and it was unable to be verified if they were in a cooler or on ice at receipt.

Solid samples are reported on a dry weight basis unless noted otherwise.

Subcontract Laboratories: SUB1: Nelson Analytical Manchester (NH1005) ME-NH01005 SUB 2: (NH 2136) (ME-CT00007),SUB3: (NH2001) (ME00019), SUB 4: NH2073 SUB5: (NH2530) (ME FL00117), SUB7: EAI Analytical (NH 1007),SUB 8: ME00002 SUB9: (NH2516) (MA00100)