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

# NELSON ANALYTICAL LAB

11111111111111111111  
RP230922036

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

Amount Received:

## REPORT OF ANALYSIS

Collected by: Client

**Sterling Extracts**

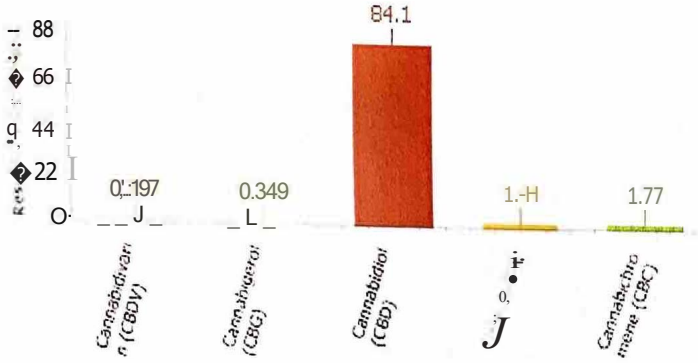
Date sampled: 09/20/2023

**C23090554.01**

Reported Date: 09/22/2023

**L20148(Concentrate)**

Temp Received:



**CBD**

### Cannabinoids by HPLC

ADIII	BmII	Renodng l.lmil;	.lniSl	2	Anlm!I	Mmh2SI	Anllm	etulEIII Umil	I w Remarks
cannabidiwarin (CBDV)	<b>0.397</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
Cannabidiolic acid (CBDA)	ND	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
cannabigerolic acid (CBGA)	ND	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
cannabigerol (CBG)	<b>0.349</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
cannabidiol (CBD)	<b>84.1</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
Tetrahydrocannabivarin (THCV)	ND	0.1	% by Weight		09/21/2023 12:23	HPLC SOP-7	NRS	N/A	
cannabinol (CBN)	ND	0.1	% by Weight		09/21/2023 12:23	HPLC SOP-7	NRS	N/A	
Delta-9-THC	<b>1.44</b>	0.1	% by Weight		09/21/2023 12:23	HPLC SOP-7	NRS	N/A	
Delta-8-THC	ND	0.1	% by Weight		09/21/2023 12:23	HPLC SOP-7	NRS	N/A	
Cannabichromene (CBC)	<b>1.77</b>	0.1	% by Weight		09/21/2023 12:23	HPLC SOP-7	NRS	N/A	
THCA-A	ND	0.1	% by Weight		09/21/2023 12:23	HPLC SOP-7	NRS	N/A	

### Total Cannabinoids by HPLC (Calculated)

Allb1I	8uYII	bzlleling Limit	.lniSl	2	Anlm!I	Mmh2SI	ADIDI	twLEIII l.lmil;	Test Blml
CBO+CBOA- calculated	<b>84.1</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
Total CBO-(Max CBO) calculated	<b>84.1</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
THC+THCA- calculated	<b>1.44</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
Total THC-(Max THC) calculated	<b>1.44</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
Total THC-(Max THC+D8) calculated	<b>1.44</b>	0.1	% by Weight		09/21/2023 12:23	HPLCSOP-7	NRS	N/A	
Total Cannabinoids- Calculated	<b>88.0</b>	0.1	% by Weight		09/21/2023 12:23	HPLC SOP-7	NRS	N/A	

Results reported above reflect only the samples submitted, unless specifically noted otherwise.



**CATLAB, LLC**  
19 Levesque Dr. #3  
Eliot, ME 03903  
207-200-9950  
ME OCP: MTF368

## Certificate of Analysis

<b>Client Name</b>	Sterling Extracts LLC	<b>License Number</b>	AM855
<b>Address</b>	15 Quimby St., Lewiston, ME 04240-3941	<b>Phone</b>	
<b>Order ID</b>	1816	<b>Sample Type</b>	Concentrate CO <sub>2</sub> / Solvent
<b>Sample ID</b>	06691	<b>Strain</b>	L20143
<b>METRC Sample ID</b>		<b>Serving Mass (g)/ Package</b>	/
<b>Date Received</b>	04/19/2023	<b>Collected Sample Weight</b>	6g
<b>Date/Time of Collection</b>	04/19/2023 02:00 PM	<b>Collected By</b>	Ryan Powers
		<b>Date Generated</b>	04/25/2023

### Residual Solvents

**Date Analyzed:** 4/25/23  
**Instrument:** CAT-0156

**Prep Date:** 4/24/23  
**Method:** SOP QA-0036

**Analyst:** LCH

Analyte	Result (PPM)	RL (PPM)	Action Limit (PPM)	Pass/Fail
Acetone	< RL	600	5000	Pass
Acetonitrile	< RL	289	410	Pass
Butanes	< RL	695	5000	Pass
Ethanol	< RL	699	5000	Pass
Ethyl acetate	< RL	660	5000	Pass
Ethyl ether	< RL	597	5000	Pass
Heptanes	< RL	613	5000	Pass
Hexane	< RL	263	290	Pass
Isopropyl alcohol	< RL	723	5000	Pass
Methanol	< RL	697	3000	Pass
Pentane	< RL	665	5000	Pass
Propane	< RL	957	5000	Pass
Toluene	< RL	660	890	Pass
m,p-Xylenes	< RL	337	2170*	Pass
o-Xylenes	< RL	342	2170*	Pass
1,2-Dichloroethane	< RL	1.00	1	Pass
Benzene	< RL	1.00	1	Pass
Chloroform	< RL	1.00	1	Pass
Ethylene oxide	< RL	1.00	1	Pass
Methylene chloride	< RL	1.00	1	Pass
Trichloroethylene	< RL	0.900	1	Pass

Note: QC presented analytes outside criteria for propane with high bias in CCV and heptane with high bias in spiked matrix sample.

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<b>Address</b>	15 Quimby St., Lewiston, ME 04240-3941	<b>Phone</b>	
<b>Order ID</b>	1816	<b>Sample Type</b>	Concentrate CO <sub>2</sub> / Solvent
<b>Sample ID</b>	06691	<b>Strain</b>	L20143
<b>METRC Sample ID</b>		<b>Serving Mass (g)/ Package</b>	/
<b>Date Received</b>	04/19/2023	<b>Collected Sample Weight</b>	6g
<b>Date/Time of Collection</b>	04/19/2023 02:00 PM	<b>Collected By</b>	Ryan Powers
		<b>Date Generated</b>	04/25/2023

## Pesticides

**Date Analyzed:** 4/24/23  
**Instrument:** CAT-0162

**Prep Date:** 4/21/23  
**Method:** SOP QA-0040

**Analyst:** LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail	Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Abamectin	< RL	403	500	Pass	Etofenprox	< RL	78.1	400	Pass
Acephate	< RL	55.6	400	Pass	Etoxazole	< RL	61.2	200	Pass
Acequinocyl	< RL	1150	2000	Pass	Fenoxycarb	< RL	89.9	200	Pass
Acetamiprid	< RL	31.2	200	Pass	Fenpyroximate	< RL	83.1	400	Pass
Aldicarb	< RL	31.2	400	Pass	Fipronil	< RL	112	400	Pass
Azoxystrobin	< RL	33.2	200	Pass	Flonicamid	< RL	31.2	1000	Pass
Bifenazate	< RL	31.2	200	Pass	Fludioxonil	< RL	62.5	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Hexythiazox	< RL	54.3	1000	Pass
Boscalid	< RL	42.9	400	Pass	Imazalil	< RL	87.3	200	Pass
Carbaryl	< RL	37.0	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Carbofuran	< RL	31.2	200	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Malathion	< RL	66.0	200	Pass
Chlorfenapyr	< RL	919	1000	Pass	Metalaxyl	< RL	56.4	200	Pass
Chlorpyrifos	< RL	74.5	200	Pass	Methiocarb	< RL	31.2	200	Pass
Clofentezine	< RL	56.7	200	Pass	Methomyl	< RL	31.2	400	Pass
Cyfluthrin	< RL	798	1000	Pass	Methyl parathion	< RL	193	200	Pass
Cypermethrin	< RL	196	1000	Pass	MGK-264 <sup>2</sup>	< RL	70.2	200	Pass
Daminozide	< RL	329	1000	Pass	Myclobutanil	< RL	37.3	200	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	Naled	< RL	42.2	500	Pass
Diazinon	< RL	55.3	200	Pass	Oxamyl	< RL	31.2	1000	Pass
Dimethoate	< RL	39.9	200	Pass	Paclobutrazol	< RL	52.5	400	Pass
Ethoprophos	< RL	33.9	200	Pass					

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### Pesticides

**Date Analyzed:** 4/24/23  
**Instrument:** CAT-0162

**Prep Date:** 4/21/23  
**Method:** SOP QA-0040

**Analyst:** LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Permethrin <sup>3</sup>	< RL	199	200	Pass
Phosmet	< RL	55.8	200	Pass
Piperonyl butoxide	< RL	59.0	2000	Pass
Prallethrin	< RL	103	200	Pass
Propiconazole	< RL	59.5	400	Pass
Propoxur	< RL	31.2	200	Pass
Pyrethrins <sup>1</sup>	< RL	248	1000	Pass
Pyridaben	< RL	59.8	200	Pass
Spinosad <sup>4</sup>	< RL	62.4	200	Pass
Spiromesifen	< RL	62.5	200	Pass
Spirotetramat	< RL	37.5	200	Pass
Spiroxamine	< RL	37.9	400	Pass
tebuconazole	< RL	69.2	400	Pass
Thiacloprid	< RL	31.2	200	Pass
Thiamethoxam	< RL	62.6	200	Pass
Trifloxystrobin	< RL	59.3	200	Pass

#### Disclaimer:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
3. Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).

Note: QC samples presented analytes outside criteria for spiked matrix, CCV (acequinocyl, bifenthrin, daminozide), and LCS (acquinocyl, bifenthrin, daminozide, spiroxamine).

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