

# Certificate of Analysis

Powered by Confident LIMS

1 of 6

**Loon Lab Extracts & Research LLC**

 26516 Xylite ST NE  
 Isanti, MN 55040  
 gabriel@loonlabmn.com  
 (651) 808-7240

**Sample: 2511AIT0890.1686**

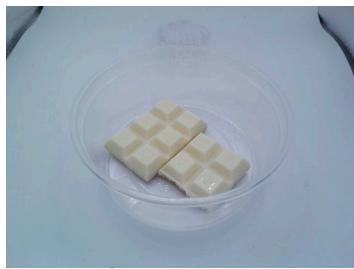
Strain: N/A

Batch#: LL-AppleCrumble-002; Batch Size: g

Sample Received: 11/24/2025; Report Created: 12/08/2025

**Apple Crumble**

Ingestible, Chocolate



**0.130%**  
 45.4 mg/container  
 4.5 mg/serving  
 Total THC

**<LOQ**  
 <LOQ  
 <LOQ  
 Total CBD

**0.134%**  
 46.9 mg/container  
 4.7 mg/serving  
 Total Cannabinoids

## Cannabinoids Date Tested: 11/25/2025

Analytes	%	mg/g	mg/ml	mg/serving	LOQ
CBC	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBD	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBDa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBDV	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBG	0.004	0.041	0.041	0.144	0.001
CBGa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBL	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBN	<LOQ	<LOQ	<LOQ	<LOQ	0.001
Δ8-THC	<LOQ	<LOQ	<LOQ	<LOQ	0.001
Δ9-THC	0.130	1.298	1.298	4.544	0.001
THCa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
THCVa	<LOQ	<LOQ	<LOQ	<LOQ	0.001

 Method: HPLC  
 Total THC = THCa \* 0.877 + Δ9-THC  
 Total CBD = CBDa \* 0.877 + CBD

 Total Cannabinoids represents the sum of all cannabinoids in the table above.  
 Results are reported on a dry weight basis: Cannabinoid % / (1.0 - moisture content % / 100) = Dry weight cannabinoids %  
 LOQ = Limit of Quantitation

## Summary

**Pass**

Residual Solvents

**Pass**

Pesticides

**Pass**

Mycotoxins

**Pass**

Heavy Metals

**Pass**

Microbials

4150 98th Ave S

Fargo, ND

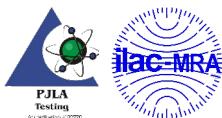
(888) 897-4367

www.hempinspection.com




John Schmidt

Analytical Chemist


 ISO/IEC 17025  
ACREDITED  
LABORATORY


Confident LIMS

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(651) 808-7240**Sample: 2511AIT0890.1686**

Strain: N/A

Batch#: LL-AppleCrumble-002; Batch Size: g

Sample Received: 11/24/2025; Report Created: 12/08/2025

**Apple Crumble**

Ingestible, Chocolate

**Microbials****Pass**

Date Tested: 12/03/2025

Analyte	Limit	Result	Status
Yeast & Mold	CFU/g	CFU/g	
Salmonella	1000	<LOQ	Not Present
Shiga Toxin-producing E. coli (STEC)	1	Not Detected	Not Present
	1	Not Detected	Not Present

Method: qPCR

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Analytical Chemist

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**Sample: 2511AIT0890.1686**

Strain: N/A

Batch#: LL-AppleCrumble-002; Batch Size: g

Sample Received: 11/24/2025; Report Created: 12/08/2025

**Apple Crumble**

Ingestible, Chocolate


**Mycotoxins**
**Pass**

Date Tested: 12/03/2025

Analyte	LOQ	Limit	Result	Status
Aflatoxin B1	PPB	PPB	PPB	Pass
Aflatoxin B2	1.00	20.00	<LOQ	Pass
Aflatoxin G1	1.00	20.00	<LOQ	Pass
Aflatoxin G2	1.00	20.00	<LOQ	Pass
Ochratoxin A	1.00	20.00	<LOQ	Pass

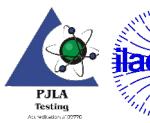
Method: LCMS

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Sample: 2511AIT0890.1686

Strain: N/A

Batch#: LL-AppleCrumble-002; Batch Size: g

Sample Received: 11/24/2025; Report Created: 12/08/2025

Apple Crumble  
Ingestible, Chocolate



## Heavy Metals

Pass

Date Tested: 12/03/2025

Analyte	LOQ	Limit	Result	Status
Arsenic	PPM 0.10	PPM 1.50	<LOQ	Pass
Cadmium	PPM 0.10	PPM 0.50	<LOQ	Pass
Lead	PPM 0.10	PPM 0.50	<LOQ	Pass
Mercury	PPM 0.10	PPM 3.00	<LOQ	Pass

Method: ICPMS

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Strain: N/A

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 Sample Received: 11/24/2025; Report Created: 12/08/2025

**Apple Crumble**

Ingestible, Chocolate


**Pesticides**
**Pass**

Date Tested: 12/03/2025

Analyte	LOQ	Limit	Result	Status	Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.01	0.50	<LOQ	Pass	Hexythiazox	0.01	1.00	<LOQ	Pass
Acephate	0.01	0.40	<LOQ	Pass	Imazalil	0.01	0.20	<LOQ	Pass
Acequinocyl	0.01	2.00	<LOQ	Pass	Imidacloprid	0.01	0.40	<LOQ	Pass
Acetamiprid	0.01	0.20	<LOQ	Pass	Kresoxim Methyl	0.01	0.40	<LOQ	Pass
Aldicarb	0.01	0.40	<LOQ	Pass	Malathion	0.01	0.20	<LOQ	Pass
Azoxystrobin	0.01	0.20	<LOQ	Pass	Metalaxyl	0.01	0.20	<LOQ	Pass
Bifenazate	0.01	0.20	<LOQ	Pass	Methiocarb	0.01	0.20	<LOQ	Pass
Bifenthrin	0.01	0.20	<LOQ	Pass	Methomyl	0.01	0.40	<LOQ	Pass
Boscalid	0.01	0.40	<LOQ	Pass	Methyl Parathion	0.01	0.20	<LOQ	Pass
Carbaryl	0.01	0.20	<LOQ	Pass	Mevinphos	0.01		<LOQ	Tested
Carbofuran	0.01	0.20	<LOQ	Pass	MGK-264	0.01	0.20	<LOQ	Pass
Chlorantraniliprole	0.01	0.20	<LOQ	Pass	Myclobutanil	0.01	0.20	<LOQ	Pass
Chlorfenapyr	0.01	1.00	<LOQ	Pass	Naled	0.01	0.50	<LOQ	Pass
Chlormequat	0.01		<LOQ	Tested	Oxamyl	0.01	1.00	<LOQ	Pass
Chlorpyrifos	0.01	0.20	<LOQ	Pass	Paclobutrazol	0.01	0.40	<LOQ	Pass
Clofentezine	0.01	0.20	<LOQ	Pass	Pentachlorobenzene	0.01		<LOQ	Tested
Coumaphos	0.01		<LOQ	Tested	Permethrins	0.01	0.20	<LOQ	Pass
Cyfluthrin	0.01	1.00	<LOQ	Pass	Phosmet	0.01	0.20	<LOQ	Pass
Cypermethrin	0.01	1.00	<LOQ	Pass	Piperonyl Butoxide	0.01	2.00	<LOQ	Pass
Daminozide	0.01	1.00	<LOQ	Pass	Prallethrin	0.01	0.20	<LOQ	Pass
DDVP	0.01	1.00	<LOQ	Pass	Propiconazole	0.01	0.40	<LOQ	Pass
Diazinon	0.01	0.20	<LOQ	Pass	Propoxur	0.01	0.20	<LOQ	Pass
Dimethoate	0.01	0.20	<LOQ	Pass	Pyrethrins	0.01	1.00	<LOQ	Pass
Dimethomorph	0.01		<LOQ	Tested	Pyridaben	0.01	0.20	<LOQ	Pass
Ethoprophos	0.01	0.20	<LOQ	Pass	Spinetoram	0.01		<LOQ	Tested
Etofenprox	0.01	0.40	<LOQ	Pass	Spinosad	0.01	0.20	<LOQ	Pass
Etoxazole	0.01	0.20	<LOQ	Pass	Spiromesifen	0.01	0.20	<LOQ	Pass
Fenhexamid	0.01		<LOQ	Tested	Spirotetramat	0.01	0.20	<LOQ	Pass
Fenoxy carb	0.01	0.20	<LOQ	Pass	Spiroxamine	0.01	0.40	<LOQ	Pass
Fenpyroximate	0.01	0.40	<LOQ	Pass	Tebuconazole	0.01	0.40	<LOQ	Pass
Fipronil	0.01	0.40	<LOQ	Pass	Thiacloprid	0.01	0.20	<LOQ	Pass
Flonicamid	0.01	1.00	<LOQ	Pass	Thiamethoxam	0.01	0.20	<LOQ	Pass
Fludioxonil	0.01	0.40	<LOQ	Pass	Trifloxystrobin	0.01	0.20	<LOQ	Pass

Methods: LCMS and GCMS

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 Sample Received: 11/24/2025; Report Created: 12/08/2025

**Apple Crumble**

Ingestible, Chocolate



## Residual Solvents

**Pass**

Date Tested: 12/03/2025

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
1,4-Dioxane	71.250	380.000	<LOQ	Pass
2-Butanol	437.500	5000.000	<LOQ	Pass
2-Ethoxy-Ethanol	30.000	160.000	<LOQ	Pass
2-Propanol IPA	437.500	5000.000	<LOQ	Pass
Acetone	437.500	5000.000	<LOQ	Pass
Acetonitrile	76.880	410.000	<LOQ	Pass
Benzene	0.375	2.000	<LOQ	Pass
Butanes	156.300	5000.000	<LOQ	Pass
Cumene	13.130	70.000	<LOQ	Pass
Cyclohexane	727.500	3880.000	<LOQ	Pass
Dichloromethane	112.500	600.000	<LOQ	Pass
Ethanol	437.500	5000.000	<LOQ	Pass
Ethyl-Acetate	437.500	5000.000	<LOQ	Pass
Ethyl-Ether	437.500	5000.000	<LOQ	Pass
Ethylene Glycol	116.300	620.000	<LOQ	Pass
Ethylene Oxide	9.375	50.000	<LOQ	Pass
Heptane	437.500	5000.000	<LOQ	Pass
Hexanes	217.500	290.000	<LOQ	Pass
Isopropyl-Acetate	437.500	5000.000	<LOQ	Pass
Methanol	312.500	3000.000	<LOQ	Pass
Pentanes	953.100	5000.000	<LOQ	Pass
Propane	31.250	5000.000	<LOQ	Pass
Tetrahydrofuran	135.000	720.000	<LOQ	Pass
Toluene	166.900	890.000	<LOQ	Pass
Xylenes	1221.000	2170.000	<LOQ	Pass

Method: GCMS (Headspace)

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