

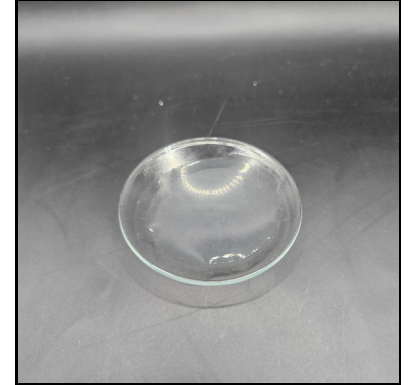
Certificate of Analysis

Client Name: Nine Mile Brewing	Matrix: Solid
Client Address: 9555 James Ave. South, #290, Bloomington, MN 55431	Date Received: 1/13/2025 1:00:00PM
Sample ID: Thrive Spotlight - Batch 5.2	Lab Sample ID: 2500191-03
Lot/Batch #: 5.2	Date of Report: 1/23/2025 5:47:29PM

Analysis	Requested (Yes/No)
Cannabinoid Profile	Yes
Terpene Profile	Yes
Aflatoxins	Yes
Heavy Metals	Yes
Residual Solvents	Yes
Microbial Testing	Yes
Pesticides	Yes



Sample, packaged



Sample, actual

Cannabinoid Profile 2500191-03

Thrive Spotlight - Batch 5.2

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Cannabichromene (CBC)	<0.000100	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	
Cannabidiol (CBD)	<0.000100	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	
Cannabidiolic Acid (CBDA)	<0.000100	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	
Cannabigerol (CBG)	0.00193	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	
Cannabigerolic Acid (CBGA)	<0.000100	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	
Cannabinol (CBN)	<0.000100	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	
Delta-8-Tetrahydrocannabinol (d8-THC)	<0.000500	0.000500	% by Weight w	HPLC	1/17/25 2:38 am	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.000730	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	
THCA-A	<0.000100	0.000100	% by Weight w	HPLC	1/17/25 2:38 am	

Taylor Schertler

Taylor Schertler - Administrative Manager Investigative Chem

Certificate of Analysis

Terpene Profile

2500191-03

Thrive Spotlight - Batch 5.2

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
(-)-Alpha-Bisabolol	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
(R)-(+)-Limonene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
alpha-Humulene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
alpha-Pinene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
beta-Myrcene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
Geraniol	<0.010	0.010	% by Weight	EPA 8270E	1/18/25 11:06 am	
Linalool	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
Terpinolene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
trans-Caryophyllene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
(-)-beta-Pinene	<0.010	0.010	% by Weight	EPA 8270E	1/18/25 11:06 am	
(-)-Guaiol	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
(-)-Isopulegol	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
Camphene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
delta-3-carene	<0.010	0.010	% by Weight	EPA 8270E	1/18/25 11:06 am	
alpha-Terpinene	<0.020	0.020	% by Weight	EPA 8270E	1/18/25 11:06 am	
p-Isopropyltoluene (p-Cymene)	<0.010	0.010	% by Weight	EPA 8270E	1/18/25 11:06 am	
Ocimene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
gamma-Terpinene	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	
Nerolidol	<0.0040	0.0040	% by Weight	EPA 8270E	1/18/25 11:06 am	

Aflatoxins

2500191-03

Thrive Spotlight - Batch 5.2

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Aflatoxin G2	<0.30	0.30	ng/g	LC-MS/MS	1/17/25 9:59 pm	
Aflatoxin G1	<0.15	0.15	ng/g	LC-MS/MS	1/17/25 9:59 pm	
Aflatoxin B2	<0.15	0.15	ng/g	LC-MS/MS	1/17/25 9:59 pm	
Aflatoxin B1	<0.15	0.15	ng/g	LC-MS/MS	1/17/25 9:59 pm	
Ochratoxin A	<1.0	1.0	ng/g	LC-MS/MS	1/17/25 9:59 pm	

Heavy Metals

2500191-03

Thrive Spotlight - Batch 5.2

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Arsenic	<240	240	ug/kg wet	EPA 6020B	1/21/25 9:22 pm	
Cadmium	<95	95	ug/kg wet	EPA 6020B	1/21/25 9:22 pm	
Mercury	<95	95	ug/kg wet	EPA 6020B	1/21/25 9:22 pm	
Lead	<120	120	ug/kg wet	EPA 6020B	1/21/25 9:22 pm	

Certificate of Analysis

Residual Solvents **2500191-03** **Thrive Spotlight - Batch 5.2**

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Ethanol	<0.0096	0.0096	% by Weight	EPA 8015D	1/17/25 1:31 pm	
n-Hexane	<0.0078	0.0078	% by Weight	EPA 8015D	1/17/25 1:31 pm	
n-Pentane	<0.0072	0.0072	% by Weight	EPA 8015D	1/17/25 1:31 pm	

Microbial Testing **2500191-03** **Thrive Spotlight - Batch 5.2**

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Salmonella	<1.0	1.0	CFU/g	AOAC 2014.01	1/16/25 11:21 am	
Total Aerobic Bacteria	<120	120	CFU/g	AOAC 990.12	1/16/25 3:05 pm	
Total Bile Tolerant Gram-Negative Bac	<75	75	CFU/g	AOAC 2003.01	1/15/25 4:34 pm	
Total Coliform	<5.0	5.0	CFU/g	AOAC 991.14	1/15/25 4:38 pm	
Total Yeast and Mold	<5.0	5.0	CFU/g	AOAC 997.02	1/17/25 8:11 am	
Total E.coli	<5.0	5.0	CFU/g	AOAC 991.14	1/16/25 3:04 pm	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All samples will be retained by Legend Technical Services, Inc. unless consumed in the analysis, for 30 days from the date of this report and then discarded unless other arrangements are made. ISO/IEC 17025:2017 Accredited, A2LA Certificate 2950.01.

Certificate of Analysis

Pesticides

2500191-03

Thrive Spotlight - Batch 5.2

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Acetamiprid	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Aldicarb	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Azoxystrobin	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Bifenazate	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Bifenthrin	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Boscalid	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Carbaryl	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Carbofuran (Furadan)	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Chlorantranilprole	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Clofentezine	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Cypermethrin	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Diazinon	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Dichlorvos	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Dimethoate	<0.0010	0.0010	ug/g	LC-MS/MS	1/18/25 9:53 am	
Dursban	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Ethoprophos	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Etofenprox	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Etoxazole	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Fenoxycarb	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Fenpyroximate	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Fonicamid	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Imazalil	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Imidacloprid	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Kresoxim methyl	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Malathion	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Metalaxyl	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Methiocarb	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Methomyl	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Permethrin	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Phosmet	<0.0010	0.0010	ug/g	LC-MS/MS	1/18/25 9:53 am	
Piperonyl butoxide	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Prallethrin	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Propiconazole	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Propoxur	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Pyrethrin I	<0.0020	0.0020	ug/g	LC-MS/MS	1/18/25 9:53 am	
Pyrethrin II	<0.0010	0.0010	ug/g	LC-MS/MS	1/18/25 9:53 am	
Pyridaben	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Spinosad	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Spiromesifen	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Spirotetramat	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Spiroxamine	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Thiacloprid	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Thiamethoxam	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	
Trifloxystrobin	<0.0080	0.0080	ug/g	LC-MS/MS	1/18/25 9:53 am	

Certificate of Analysis

Sample Narrative: **2500191-03**

Thrive Spotlight - Batch 5.2

2500191-03, 'Thrive Spotlight - Batch 5.2'.
CBG: 6.85mg per 12 fluid ounce can.
D9-THC: 2.59mg per 12 fluid ounce can.

Certificate of Analysis

Notes and Definitions

CFU/g	Colony Forming Units per Gram
HPLC	High-Performance Liquid Chromatography
MS	Mass Spectrometry
<	Less than value listed
RL	Reporting Limit
NA	Not Applicable
M1	Matrix spike recovery was high, the associated blank spike recovery was acceptable.
N5	The minimum reporting limit verification check did not meet the method acceptance limit.
QR-2	Analyses are not controlled on RPD values from sample concentrations less than 5 times the reporting limit.
R13	MS/MSD RPD exceeded method acceptance limit. Matrix spike recovery was outside acceptance criteria. Batch precision and accuracy were demonstrated.