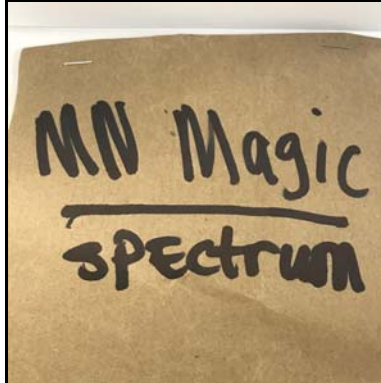


Certificate of Analysis

Client Name: MN Grown CBD	Matrix: Plant
Client Address: 34892 Lily Street NW, Cambridge, MN 55008	Date Received: 10/12/2020 1:00:00PM
Sample ID: Early Spectrum, MN Magic, 2020ESMNM-001	Lab Sample ID: 2004082-03
Lot/Batch #:	Date of Report: 10/20/2020 3:42:50PM

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



Sample, packaged



Sample, actual

Cannabinoid Profile 2004082-03 Early Spectrum, MN Magic, 2020ESMNM-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Cannabichromene (CBC)	0.0236	0.00212	% by Weight	HPLC	10/14/20 7:22 pm	
Cannabidiol (CBD)	0.222	0.0212	% by Weight	HPLC	10/14/20 7:41 pm	
Cannabidiolic Acid (CBDA)	7.21	0.212	% by Weight	HPLC	10/14/20 7:48 pm	
Cannabigerol (CBG)	0.0311	0.00212	% by Weight	HPLC	10/14/20 7:22 pm	
Cannabigerolic Acid (CBGA)	0.721	0.0212	% by Weight	HPLC	10/14/20 7:41 pm	
Cannabinol (CBN)	<0.00212	0.00212	% by Weight	HPLC	10/14/20 7:22 pm	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.0273	0.00212	% by Weight	HPLC	10/14/20 7:22 pm	
THCA-A	0.282	0.0212	% by Weight	HPLC	10/14/20 7:41 pm	
Total CBG	0.664	0.0207	% by Weight	HPLC	10/14/20 7:41 pm	
Total CBD	6.54	0.207	% by Weight	HPLC	10/14/20 7:48 pm	
Total THC	0.275	0.0207	% by Weight	HPLC	10/14/20 7:41 pm	

Heavy Metals 2004082-03 Early Spectrum, MN Magic, 2020ESMNM-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Arsenic	<1.0	1.0	mg/kg	EPA 6010D	10/15/20 6:15 pm	
Cadmium	0.10	0.050	mg/kg	EPA 6010D	10/15/20 6:15 pm	
Lead	<0.75	0.75	mg/kg	EPA 6010D	10/15/20 6:15 pm	
Mercury	<0.50	0.50	mg/kg	EPA 6010D	10/15/20 6:15 pm	V9

Sarah Smestad - Chemist II/Client Manager I

Certificate of Analysis

Pesticides

2004082-03

Early Spectrum, MN Magic, 2020ESMNM-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
3-Hydroxycarbofuran	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Bendiocarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	L2
Bifenazate	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Carbofuran (Furadan)	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Chloroxuron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Chlorotoluron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Cycluron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Cymoxanil	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Diethofencarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Diuron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	V9
Fenobucarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Fenoxycarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Fenuron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Indoxacarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Iprovalicarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Isoprocarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Isoproturon	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Linuron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Metobromuron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Monolinuron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Pirimicarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Promecarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Propoxur	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Siduron	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Thiobencarb	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Avermectin (abamectin)	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Acequinocyl	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Bifenthrin	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Cyfluthrin	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Etoxazole	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Imazalil	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Imidacloprid	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	L2, V9
Azoxystrobin	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Pacloutrazol	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Spinetoram (J&L)	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Spinosad D	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Spiromesifen	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Spirotetramat	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Tebufenpyrad	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Pyrethrin I	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 pm	
Pyrethrin II	<1.1	1.1	ug/g	LC-MS/MS	10/15/20 6:00 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

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
L2	The associated blank spike recovery was below laboratory acceptance limits.
V9	CCV recovery was below method acceptance limits.