

Prepared For: Mother Grows Best
Lot #5 Steinway Blvd SE
Canton, OH 44707
sdorf@perelmandorf.com
License: CCC000033-00

METRC ID: 1A40703000020D2000000124

Report Created: 6/3/2026

CC ID: 2605NCTL2346.20118

Sample Received: 5/29/2026

LIMS ID: 223160

Item: M00001306938: Modified Grapes Bulk Flower

METRC Batch: 1A40703000020D2000000116

Strain: Modified Grapes

Product Category: Bulk Flower/Buds

Total THC: 26.1% Total CBD: 0.0553% Cannabinoids	Pass Heavy Metals	Pass Pesticides
Tested Terpenes	Not Tested Residual Solvents	Pass Mycotoxins
Pass Microbials	Tested 06/01/2026 10.6% Moisture	Tested 06/01/2026 0.54 aw Water Activity
Tested 05/29/2026 ND Foreign Matter	Not Tested Plant Pathogens	Not Tested Nutrients



North Coast Testing Laboratories, LLC
10100 Wellman Road
Streetsboro, OH 44241
(234) 212-1860
License #CCL000014-00


Nick Szabo
Laboratory Manager


FJLA
Testing
Accreditation #118827
ISO/IEC 17025:2017

*Ohio OAC 3796 Limits. Samples collected by NCTL personnel were collected using sampling plan NCTL SOP-230, Marijuana Sampling. Foreign Matter by Visual Inspection NCTL SOP-230. Water Activity by Water Activity Meter, NCTL SOP-108. Moisture by Moisture Analyzer or Oven/Analytical Balance, NCTL SOP-156. This product has been tested by North Coast Testing Laboratories, LLC (North Coast) in accordance with the laws of the State of Ohio. "ND" indicates that the analyte was not detected to be present in the sample tested at levels at or above the limit of quantitation. Values reported relate only to the product tested. Samples not collected by North Coast are analyzed as received, unless otherwise noted. Terpenes is a qualitative test providing estimated concentrations only. ¹Sabinene co-elutes w/ beta-pinene; phellandrene co-elutes w/ carene; beta-cedrene co-elutes w/ beta-caryophyllene; if a co-eluting analyte is present in sample, results are added to beta-pinene, carene, and/or beta-caryophyllene respectively. ²Pyrethrins is sum of Pyrethrins I and II.

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CANNABINOID PROFILE by HPLC / SOP-140 / Date Tested - 06/02/2026

Analyte	LOQ %	Result mg/g	Result %
Tetrahydrocannabinolic acid (THCA)	0.0498	294	29.4
delta-9-Tetrahydrocannabinol (delta-9-THC)	0.0498	3.51	0.351
delta-8-Tetrahydrocannabinol (delta-8-THC)	0.0498	ND	ND
Tetrahydrocannabivarin (THCV)	0.0498	ND	ND
Tetrahydrocannabivarinic acid (THCVA) [†]	0.0498	1.29	0.129
Cannabidiolic acid (CBDA)	0.0498	0.631	0.0631
Cannabidiol (CBD)	0.0498	ND	ND
Cannabidivarin (CBDV)	0.0498	ND	ND
Cannabinol (CBN)	0.0498	ND	ND
Cannabigerolic acid (CBGA)	0.0498	9.18	0.918
Cannabigerol (CBG)	0.0498	1.02	0.102
Cannabichromene (CBC)	0.0498	ND	ND
Total THC		261	26.1
Total CBD		0.553	0.0553

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Product Category: Bulk Flower/Buds

Heavy Metals by ICPMS / NCTL SOP-103 / Date Tested - 06/01/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Arsenic	0.0963	0.42	ND	Passed
Cadmium	0.0963	0.27	ND	Passed
Lead	0.385	0.87	ND	Passed
Mercury	0.0963	0.87	ND	Passed

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Product Category: Bulk Flower/Buds

Microbials by NCTL SOP-101/149 / Date Tested - 05/29/2026

Analyte	LOQ	OAC-3796	Result	Status
	cfu/g	cfu/g Limit	cfu/g	
Total Aerobic Bacteria	NA	100000	ND	Passed
Bile-Tolerant Gram-Negative Bacteria	NA	1000	ND	Passed
Total Coliforms	NA	1000	ND	Passed
Total Yeast & Mold	NA	50000	ND	Passed
Salmonella spp.	NA	ND	Negative	Passed
Shiga toxin-producing Escherichia coli	NA	ND	Negative	Passed

NOTES

MICRO26052905

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Mycotoxins

by LCMSMS / NCTL SOP-102 / Date Tested - 06/02/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Ochratoxin A	0.0175	0.02	ND	Passed
Aflatoxin B1	0.00437	0.02	ND	Passed
Aflatoxin B2	0.00437	0.02	ND	Passed
Aflatoxin G1	0.00437	0.02	ND	Passed
Aflatoxin G2	0.00437	0.02	ND	Passed
Total Aflatoxins		0.02	ND	Passed

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Pesticides by LCMSMS / NCTL SOP-102 / Date Tested - 06/02/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Abamectin	0.0437	ND	ND	Passed
Aldicarb	0.0437	ND	ND	Passed
Bifenazate	0.0175	0.1	ND	Passed
Cyfluthrin	0.437	0.05	ND	Passed
Daminozide	0.437	ND	ND	Passed
Diazinon	0.0437	ND	ND	Passed
Dichlorvos	0.0437	ND	ND	Passed
Dimethoate	0.0437	ND	ND	Passed
Etoxazole	0.00873	ND	ND	Passed
Flonicamid	0.0262	0.03	ND	Passed
Fludioxonil	0.00873	0.01	ND	Passed
Imidacloprid	0.00873	ND	ND	Passed
Myclobutanil	0.0437	ND	ND	Passed
Paclobutrazol	0.0218	ND	ND	Passed
Piperonyl Butoxide	0.00873	0.1	ND	Passed
Spirotetramat	0.00873	0.01	ND	Passed
Thiamethoxam	0.00873	0.02	ND	Passed
Total Pyrethrins ²		0.05	ND	Passed
Trifloxystrobin	0.00873	0.01	ND	Passed
Spinosad	0.00437	0.02	ND	Passed

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Terpenes

by GCMS / NCTL-SOP-123 / Date Tested - 06/02/2026

Analyte	LOQ	Result	Result
	%	mg/g	%
delta-Limonene	0.000907	5.33	0.533
beta-Caryophyllene ⁽¹⁾	0.00218	3.66	0.366
beta-Myrcene	0.000907	3.64	0.364
alpha-Humulene	0.000907	1.39	0.139
beta-Pinene ⁽¹⁾	0.00181	1.07	0.107
alpha-Pinene	0.000907	0.881	0.0881
Ocimene (cis + trans)		0.814	0.0814
Guaiol	0.00181	0.788	0.0788
Fenchyl Alcohol	0.00363	0.711	0.0711
beta-Eudesmol	0.00181	0.686	0.0686
alpha-Terpineol	0.00181	0.678	0.0678
alpha-Bisabolol	0.00181	0.647	0.0647
Linalool	0.00181	0.476	0.0476
trans-2-Pinanol	0.00363	0.387	0.0387
Camphene	0.000907	0.174	0.0174
Fenchone	0.000907	0.153	0.0153
Borneol	0.00181	0.153	0.0153
Caryophyllene Oxide	0.00363	0.114	0.0114
Citronellol	0.00363	0.108	0.0108
Terpinolene	0.000907	0.0645	0.00645
trans-B-Farnesene	0.00363	0.0643	0.00643
Nerolidol (cis + trans)		0.0575	0.00575
Sabinene Hydrate	0.00181	0.0261	0.00261
alpha-Cedrene	0.000726	ND	ND
alpha-Terpinene	0.000907	ND	ND
Cedrol	0.000907	ND	ND
Eucalyptol	0.00181	ND	ND
gamma-Terpinene	0.000907	ND	ND

Analyte	LOQ	Result	Result
	%	mg/g	%
Geraniol	0.00363	ND	ND
Geranyl Acetate	0.00363	ND	ND
Isoborneol	0.000907	ND	ND
Isopulegol	0.00363	ND	ND
Menthol	0.00181	ND	ND
Nerol	0.00363	ND	ND
Pulegone	0.00181	ND	ND
Valencene	0.000907	ND	ND
alpha-Thujone	0.00181	ND	ND
beta-Elementene	0.000907	ND	ND
Camphor	0.00181	ND	ND
Carene ⁽¹⁾	0.00181	ND	ND
Carvacrol	0.00181	ND	ND
Carvone	0.000907	ND	ND
Citral (cis + trans)		ND	ND
Cymene (sum of isomers)		ND	ND
Farnesol (sum of isomers)		ND	ND
Isobornyl Acetate	0.000907	ND	ND
Menthone		ND	ND
Nootkatone	0.00363	ND	ND
Octyl Acetate	0.00181	ND	ND
Phytane	0.000907	ND	ND
Piperitone	0.000907	ND	ND
Safranal	0.000907	ND	ND
Terpinen-4-ol	0.00181	ND	ND
Thymol	0.000907	ND	ND
Verbenone	0.00181	ND	ND

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See COA Footnote

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