

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

METRC ID: 1A40715000020D2000004688

Report Created: 3/23/2026

CC ID: 2603NCTL1210.10073

Sample Received: 3/18/2026

LIMS ID: 213180

Item: M00001306938: Modified Grapes Bulk Flower

METRC Batch: 1A40715000020D2000004676

Strain: Modified Grapes

Product Category: Bulk Flower/Buds

Total THC: 25.3% Total CBD: 0.0534% Cannabinoids	Pass Heavy Metals	Pass Pesticides
Tested Terpenes	Not Tested Residual Solvents	Pass Mycotoxins
Pass Microbials	Tested 03/20/2026 13.3% Moisture	Tested 03/19/2026 0.45 aw Water Activity
Tested 03/18/2026 ND Foreign Matter	Not Tested Plant Pathogens	Not Tested Nutrients



North Coast Testing Laboratories, LLC
10100 Wellman Road
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(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-107. 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. ²"Pyrethrins" is sum of Pyrethrins I and II. ³Not validated for this analyte and not within scope of ISO 17025 accreditation. This Certificate shall not be reproduced, except in full, without the written consent of NCTL.

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CANNABINOID PROFILE by HPLC / SOP-140 / Date Tested - 03/20/2026

Analyte	LOQ %	Result mg/g	Result %
Tetrahydrocannabinolic acid (THCA)	0.0453	284	28.4
delta-9-Tetrahydrocannabinol (delta-9-THC)	0.0453	4.14	0.414
delta-8-Tetrahydrocannabinol (delta-8-THC)	0.0453	ND	ND
Tetrahydrocannabivarin (THCV)	0.0453	ND	ND
Tetrahydrocannabivarinic acid (THCVA) [†]	0.0453	1.36	0.136
Cannabidiolic acid (CBDA)	0.0453	0.609	0.0609
Cannabidiol (CBD)	0.0453	ND	ND
Cannabidivarin (CBDV)	0.0453	ND	ND
Cannabinol (CBN)	0.0453	ND	ND
Cannabigerolic acid (CBGA)	0.0453	9.80	0.980
Cannabigerol (CBG)	0.0453	1.01	0.101
Cannabichromene (CBC)	0.0453	ND	ND
Total THC		253	25.3
Total CBD		0.534	0.0534

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Heavy Metals by ICPMS / NCTL SOP-103 / Date Tested - 03/20/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Arsenic	0.0962	0.42	ND	Passed
Cadmium	0.0962	0.27	ND	Passed
Lead	0.385	0.87	ND	Passed
Mercury	0.0962	0.87	ND	Passed

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Product Category: Bulk Flower/Buds

Microbials by NCTL SOP-101/149 / Date Tested - 03/18/2026

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	14035	Passed
Salmonella spp.	NA	ND	Negative	Passed
Shiga toxin-producing Escherichia coli	NA	ND	Negative	Passed

NOTES

260318_MICRO_Flower6

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Mycotoxins

by LCMSMS / NCTL SOP-102 / Date Tested - 03/19/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Ochratoxin A	0.0159	0.02	ND	Passed
Aflatoxin B1	0.00399	0.02	ND	Passed
Aflatoxin B2	0.00399	0.02	ND	Passed
Aflatoxin G1	0.00399	0.02	ND	Passed
Aflatoxin G2	0.00399	0.02	ND	Passed
Total Aflatoxins		0.02	ND	Passed

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Pesticides by LCMSMS / NCTL SOP-102 / Date Tested - 03/19/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Abamectin	0.0399	ND	ND	Passed
Aldicarb	0.0399	ND	ND	Passed
Bifenazate	0.0159	0.1	ND	Passed
Cyfluthrin	0.399	0.05	ND	Passed
Daminozide	0.399	ND	ND	Passed
Diazinon	0.0399	ND	ND	Passed
Dichlorvos	0.0399	ND	ND	Passed
Dimethoate	0.0399	ND	ND	Passed
Etoxazole	0.00797	ND	ND	Passed
Flonicamid	0.0239	0.03	ND	Passed
Fludioxonil	0.00797	0.01	ND	Passed
Imidacloprid	0.00797	ND	ND	Passed
Myclobutanil	0.0399	ND	ND	Passed
Paclobutrazol	0.0199	ND	ND	Passed
Piperonyl Butoxide	0.00797	0.1	ND	Passed
Spirotetramat	0.00797	0.01	ND	Passed
Thiamethoxam	0.00797	0.02	ND	Passed
Total Pyrethrins ²		0.05	ND	Passed
Trifloxystrobin	0.00797	0.01	ND	Passed
Spinosad	0.00399	0.02	ND	Passed

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Product Category: Bulk Flower/Buds

Terpenes

by GCMS / NCTL-SOP-123 / Date Tested - 03/19/2026

Analyte	LOQ	Result	Result
	%	mg/g	%
delta-Limonene	0.000853	8.55	0.855
beta-Myrcene	0.000853	7.12	0.712
beta-Caryophyllene ⁽¹⁾	0.00205	4.97	0.497
alpha-Humulene	0.000853	1.91	0.191
alpha-Pinene	0.000853	1.63	0.163
beta-Pinene ⁽¹⁾	0.00171	1.55	0.155
Ocimene (cis + trans)		1.26	0.126
Guaiol	0.00171	1.02	0.102
alpha-Bisabolol	0.00171	0.897	0.0897
beta-Eudesmol	0.00171	0.828	0.0828
Fenchyl Alcohol	0.00341	0.714	0.0714
alpha-Terpineol	0.00171	0.676	0.0676
Linalool	0.00171	0.480	0.0480
trans-2-Pinanol	0.00341	0.397	0.0397
Camphene	0.000853	0.218	0.0218
Terpinolene	0.000853	0.200	0.0200
Borneol	0.00171	0.168	0.0168
Fenchone	0.000853	0.136	0.0136
Caryophyllene Oxide	0.00341	0.135	0.0135
Citronellol	0.00341	0.126	0.0126
Nerolidol (cis + trans)		0.0658	0.00658
trans-B-Farnesene	0.00341	0.0562	0.00562
Sabinene Hydrate	0.00171	0.0290	0.00290
gamma-Terpinene	0.000853	0.00992	0.000992
alpha-Cedrene	0.000683	ND	ND
alpha-Terpinene	0.000853	ND	ND
Cedrol	0.000853	ND	ND
Eucalyptol	0.00171	ND	ND

Analyte	LOQ	Result	Result
	%	mg/g	%
Geraniol	0.00341	ND	ND
Geranyl Acetate	0.00341	ND	ND
Isoborneol	0.000853	ND	ND
Isopulegol	0.00341	ND	ND
Menthol	0.00171	ND	ND
Nerol	0.00341	ND	ND
Pulegone	0.00171	ND	ND
Valencene	0.000853	ND	ND
alpha-Thujone	0.00171	ND	ND
beta-Elementene	0.000853	ND	ND
Camphor	0.00171	ND	ND
Carene ⁽¹⁾	0.00171	ND	ND
Carvacrol	0.00171	ND	ND
Carvone	0.000853	ND	ND
Citral (cis + trans)		ND	ND
Cymene (sum of isomers)		ND	ND
Farnesol (sum of isomers)		ND	ND
Isobornyl Acetate	0.000853	ND	ND
Menthone		ND	ND
Nootkatone	0.00341	ND	ND
Octyl Acetate	0.00171	ND	ND
Phytane	0.000853	ND	ND
Piperitone	0.000853	ND	ND
Safranal	0.000853	ND	ND
Terpinen-4-ol	0.00171	ND	ND
Thymol	0.000853	ND	ND
Verbenone	0.00171	ND	ND

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See COA Footnote

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