

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

METRC ID: 1A40703000020D2000000452

Report Created: 7/27/2026

CC ID: 2607NCTL3187.27768

Sample Received: 7/22/2026

LIMS ID: 230783

Item: M00001334504: Blueberry Muffins Bulk Flower

METRC Batch: 1A40703000020D2000000447

Strain: Blueberry Muffins

Product Category: Bulk Flower/Buds

Total THC: 19.9% Total CBD: 0.0538% Cannabinoids	Pass Heavy Metals	Pass Pesticides
Tested Terpenes	Not Tested Residual Solvents	Pass Mycotoxins
Pass Microbials	Tested 07/23/2026 10.3% Moisture	Tested 07/23/2026 0.57 aw Water Activity
Tested 07/22/2026 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 - 07/23/2026

Analyte	LOQ %	Result mg/g	Result %
Tetrahydrocannabinolic acid (THCA)	0.0469	222	22.2
delta-9-Tetrahydrocannabinol (delta-9-THC)	0.0469	4.26	0.426
delta-8-Tetrahydrocannabinol (delta-8-THC)	0.0469	ND	ND
Tetrahydrocannabivarin (THCV)	0.0469	ND	ND
Tetrahydrocannabivarinic acid (THCVA) [†]	0.0469	0.732	0.0732
Cannabidiolic acid (CBDA)	0.0469	0.614	0.0614
Cannabidiol (CBD)	0.0469	ND	ND
Cannabidivarin (CBDV)	0.0469	ND	ND
Cannabinol (CBN)	0.0469	ND	ND
Cannabigerolic acid (CBGA)	0.0469	3.99	0.399
Cannabigerol (CBG)	0.0469	0.970	0.0970
Cannabichromene (CBC)	0.0469	ND	ND
Total THC		199	19.9
Total CBD		0.538	0.0538

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Heavy Metals by ICPMS / NCTL SOP-103 / Date Tested - 07/23/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Arsenic	0.0969	0.42	ND	Passed
Cadmium	0.0969	0.27	ND	Passed
Lead	0.388	0.87	ND	Passed
Mercury	0.0969	0.87	ND	Passed

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Strain: Blueberry Muffins

Product Category: Bulk Flower/Buds

Microbials by NCTL SOP-101/149 / Date Tested - 07/22/2026

Analyte	LOQ	OAC-3796	Result	Status
	cfu/g	cfu/g Limit	cfu/g	
Total Aerobic Bacteria	NA	100000	1529	Passed
Bile-Tolerant Gram-Negative Bacteria	NA	1000	ND	Passed
Total Coliforms	NA	1000	ND	Passed
Total Yeast & Mold	NA	50000	1019	Passed
Salmonella spp.	NA	ND	Negative	Passed
Shiga toxin-producing Escherichia coli	NA	ND	Negative	Passed

NOTES

MICRO26072205

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Mycotoxins

by LCMSMS / NCTL SOP-102 / Date Tested - 07/24/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Ochratoxin A	0.0199	0.02	ND	Passed
Aflatoxin B1	0.00499	0.02	ND	Passed
Aflatoxin B2	0.00499	0.02	ND	Passed
Aflatoxin G1	0.00499	0.02	ND	Passed
Aflatoxin G2	0.00499	0.02	ND	Passed
Total Aflatoxins		0.02	ND	Passed

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Product Category: Bulk Flower/Buds

Pesticides by LCMSMS / NCTL SOP-102 / Date Tested - 07/24/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Abamectin	0.0499	ND	ND	Passed
Aldicarb	0.0499	ND	ND	Passed
Bifenazate	0.0199	0.1	ND	Passed
Cyfluthrin	0.499	0.05	ND	Passed
Daminozide	0.499	ND	ND	Passed
Diazinon	0.0499	ND	ND	Passed
Dichlorvos	0.0499	ND	ND	Passed
Dimethoate	0.0499	ND	ND	Passed
Etoxazole	0.00997	ND	ND	Passed
Flonicamid	0.0299	0.03	ND	Passed
Fludioxonil	0.00997	0.01	ND	Passed
Imidacloprid	0.00997	ND	ND	Passed
Myclobutanil	0.0499	ND	ND	Passed
Paclobutrazol	0.0249	ND	ND	Passed
Piperonyl Butoxide	0.00997	0.1	ND	Passed
Spirotetramat	0.00997	0.01	ND	Passed
Thiamethoxam	0.00997	0.02	ND	Passed
Total Pyrethrins ²		0.05	ND	Passed
Trifloxystrobin	0.00997	0.01	ND	Passed
Spinosad	0.00499	0.02	ND	Passed

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Product Category: Bulk Flower/Buds

Terpenes by GCMS / NCTL-SOP-123 / Date Tested - 07/24/2026

Analyte	LOQ	Result	Result
	%	mg/g	%
beta-Caryophyllene ⁽¹⁾	0.00170	7.55	0.755
alpha-Bisabolol	0.00141	2.96	0.296
beta-Myrcene	0.000706	2.85	0.285
alpha-Humulene	0.000706	2.38	0.238
beta-Eudesmol	0.00141	1.24	0.124
delta-Limonene	0.000706	1.11	0.111
Guaiol	0.00141	1.04	0.104
Linalool	0.00141	0.843	0.0843
trans-B-Farnesene	0.00283	0.282	0.0282
beta-Pinene ⁽¹⁾	0.00141	0.268	0.0268
Nerolidol (cis + trans)		0.177	0.0177
Caryophyllene Oxide	0.00283	0.161	0.0161
alpha-Terpineol	0.00141	0.159	0.0159
alpha-Pinene	0.000706	0.149	0.0149
Fenchyl Alcohol	0.00283	0.140	0.0140
trans-2-Pinanol	0.00283	0.112	0.0112
Borneol	0.00141	0.0613	0.00613
Farnesol (sum of isomers)		0.0551	0.00551
Camphene	0.000706	0.0439	0.00439
Fenchone	0.000706	0.0348	0.00348
Terpinolene	0.000706	0.0305	0.00305
Ocimene (cis + trans)		0.0124	0.00124
alpha-Cedrene	0.000565	ND	ND
alpha-Terpinene	0.000706	ND	ND
Cedrol	0.000706	ND	ND
Eucalyptol	0.00141	ND	ND
gamma-Terpinene	0.000706	ND	ND
Geraniol	0.00283	ND	ND

Analyte	LOQ	Result	Result
	%	mg/g	%
Geranyl Acetate	0.00283	ND	ND
Isoborneol	0.000706	ND	ND
Isopulegol	0.00283	ND	ND
Menthol	0.00141	ND	ND
Nerol	0.00283	ND	ND
Pulegone	0.00141	ND	ND
Sabinene Hydrate	0.00141	ND	ND
Valencene	0.000706	ND	ND
alpha-Thujone	0.00141	ND	ND
beta-Elementene	0.000706	ND	ND
Camphor	0.00141	ND	ND
Carene ⁽¹⁾	0.00141	ND	ND
Carvacrol	0.00141	ND	ND
Carvone	0.000706	ND	ND
Citral (cis + trans)		ND	ND
Citronellol	0.00283	ND	ND
Cymene (sum of isomers)		ND	ND
Isobornyl Acetate	0.000706	ND	ND
Menthone		ND	ND
Nootkatone	0.00283	ND	ND
Octyl Acetate	0.00141	ND	ND
Phytane	0.000706	ND	ND
Piperitone	0.000706	ND	ND
Safranal	0.000706	ND	ND
Terpinen-4-ol	0.00141	ND	ND
Thymol	0.000706	ND	ND
Verbenone	0.00141	ND	ND

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See COA Footnote

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