

Prepared For: Mother Grows Best
Lot #5 Steinway Blvd SE
Canton, OH 44707
sdorf@perelmandorf.com
License: CCP000034-00

METRC ID: 1A40703000020D1000051591

Report Created: 4/29/2026

CC ID: 2604NCTL1811.15406

Sample Received: 4/24/2026

LIMS ID: 218479

Item: M00001300327: Blueberry Muffin Bulk Live Resin

METRC Batch: 1A40703000020D1000051576

Strain: N/A

Product Category: Bulk Concentrate

Total THC: 751 mg/g
Total CBD: 0.00 mg/g
Cannabinoids

Pass
Heavy Metals

Pass
Pesticides

Tested
Terpenes

Pass
Residual Solvents

Pass
Mycotoxins

Pass
Microbials

Not Tested
Moisture

Not Tested
Water Activity

Tested
04/24/2026
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-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 - 04/27/2026

Analyte	LOQ mg/g	Result mg/g	Result %
Tetrahydrocannabinolic acid (THCA)	2.75	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	2.75	729	72.9
delta-8-Tetrahydrocannabinol (delta-8-THC)	2.75	22.1	2.21
Tetrahydrocannabivarin (THCV)	2.75	2.94	0.294
Tetrahydrocannabivarinic acid (THCVA) †	2.75	ND	ND
Cannabidiolic acid (CBDA)	2.75	ND	ND
Cannabidiol (CBD)	2.75	ND	ND
Cannabidivarin (CBDV)	2.75	ND	ND
Cannabinol (CBN)	2.75	ND	ND
Cannabigerolic acid (CBGA)	2.75	ND	ND
Cannabigerol (CBG)	2.75	13.6	1.36
Cannabichromene (CBC)	2.75	ND	ND
Total THC		751	75.1
Total CBD		ND	ND

NOTES

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Heavy Metals by ICPMS / NCTL SOP-103 / Date Tested - 04/28/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Arsenic	0.0694	0.42	ND	Passed
Cadmium	0.0694	0.27	ND	Passed
Lead	0.278	0.87	ND	Passed
Mercury	0.0694	0.87	ND	Passed

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Microbials by NCTL SOP-101/149 / Date Tested - 04/24/2026

Analyte	LOQ	OAC-3796	Result	Status
	cfu/g	cfu/g Limit	cfu/g	
Total Aerobic Bacteria	NA	10000	ND	Passed
Bile-Tolerant Gram-Negative Bacteria	NA	100	ND	Passed
Total Coliforms	NA	100	ND	Passed
Total Yeast & Mold	NA	1000	ND	Passed
Salmonella spp.	NA	ND	Negative	Passed
Shiga toxin-producing Escherichia coli	NA	ND	Negative	Passed

NOTES

260424_MICRO_PP4

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Product Category: Bulk Concentrate

Mycotoxins by LCMSMS / NCTL SOP-102 / Date Tested - 04/29/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Ochratoxin A	0.0173	0.02	ND	Passed
Aflatoxin B1	0.00433	0.02	ND	Passed
Aflatoxin B2	0.00433	0.02	ND	Passed
Aflatoxin G1	0.00433	0.02	ND	Passed
Aflatoxin G2	0.00433	0.02	ND	Passed
Total Aflatoxins		0.02	ND	Passed

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Product Category: Bulk Concentrate

Pesticides by LCMSMS / NCTL SOP-102 / Date Tested - 04/29/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Abamectin	0.0433	ND	ND	Passed
Aldicarb	0.0433	ND	ND	Passed
Bifenazate	0.0173	0.1	ND	Passed
Cyfluthrin	0.433	0.05	ND	Passed
Daminozide	0.433	ND	ND	Passed
Diazinon	0.0433	ND	ND	Passed
Dichlorvos	0.0433	ND	ND	Passed
Dimethoate	0.0433	ND	ND	Passed
Etoxazole	0.00866	ND	ND	Passed
Flonicamid	0.0260	0.03	ND	Passed
Fludioxonil	0.00866	0.01	ND	Passed
Imidacloprid	0.00866	ND	ND	Passed
Myclobutanil	0.0433	ND	ND	Passed
Paclobutrazol	0.0216	ND	ND	Passed
Piperonyl Butoxide	0.00866	0.1	ND	Passed
Spirotetramat	0.00866	0.01	ND	Passed
Thiamethoxam	0.00866	0.02	ND	Passed
Total Pyrethrins ²		0.05	ND	Passed
Trifloxystrobin	0.00866	0.01	ND	Passed
Spinosad	0.00433	0.02	ND	Passed

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Strain: N/A

Product Category: Bulk Concentrate

Residual Solvents by GCMS / NCTL-SOP-142 / Date Tested - 04/28/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Acetone	213	5000	ND	Passed
Benzene	0.852	2	ND	Passed
Ethanol	213	5000	ND	Passed
Heptane	213	5000	ND	Passed
Hexane	49.4	290	ND	Passed
Isobutane	213	5000	ND	Passed
Isopropyl Alcohol	213	5000	ND	Passed
N-butane	213	5000	ND	Passed
Pentane	213	5000	ND	Passed
Propane	213	5000	ND	Passed
Xylenes (o)	102	2170	ND	Passed
Xylenes (m, p)	204	2170	ND	Passed
Total Xylenes		2170	ND	Passed

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Strain: N/A

Product Category: Bulk Concentrate

Terpenes

by GCMS / NCTL-SOP-123 / Date Tested - 04/28/2026

Analyte	LOQ	Result	Result
	mg/g	mg/g	%
beta-Myrcene	0.0236	18.3	1.83
beta-Caryophyllene ⁽¹⁾	0.0567	17.2	1.72
alpha-Bisabolol	0.0473	14.3	1.43
alpha-Humulene	0.0236	8.39	0.839
delta-Limonene	0.0236	8.08	0.808
Guaiol	0.0473	4.76	0.476
beta-Eudesmol	0.0473	4.14	0.414
Linalool	0.0473	3.44	0.344
trans-B-Farnesene	0.0946	1.89	0.189
alpha-Terpineol	0.0473	1.01	0.101
Fenchyl Alcohol	0.0946	0.935	0.0935
alpha-Pinene	0.0236	0.671	0.0671
Camphene	0.0236	0.620	0.0620
Terpinolene	0.0236	0.561	0.0561
Nerolidol (cis + trans)		0.560	0.0560
Ocimene (cis + trans)		0.547	0.0547
Borneol	0.0473	0.447	0.0447
Fenchone	0.0236	0.236	0.0236
Farnesol (sum of isomers)		0.186	0.0186
alpha-Terpinene	0.0236	0.173	0.0173
Geraniol	0.0946	0.103	0.0103
gamma-Terpinene	0.0236	0.0894	0.00894
Terpinen-4-ol	0.0473	0.0489	0.00489
Cymene (sum of isomers)		0.0249	0.00249
alpha-Cedrene	0.0189	ND	ND
Caryophyllene Oxide	0.0946	ND	ND
Cedrol	0.0236	ND	ND
Eucalyptol	0.0473	ND	ND

Analyte	LOQ	Result	Result
	mg/g	mg/g	%
Geranyl Acetate	0.0946	ND	ND
Isoborneol	0.0236	ND	ND
Isopulegol	0.0946	ND	ND
Menthol	0.0473	ND	ND
Nerol	0.0946	ND	ND
Pulegone	0.0473	ND	ND
Sabinene Hydrate	0.0473	ND	ND
Valencene	0.0236	ND	ND
alpha-Thujone	0.0473	ND	ND
beta-Elementene	0.0236	ND	ND
beta-Pinene ⁽¹⁾	0.0473	ND	ND
Camphor	0.0473	ND	ND
Carene ⁽¹⁾	0.0473	ND	ND
Carvacrol	0.0473	ND	ND
Carvone	0.0236	ND	ND
Citral (cis + trans)		ND	ND
Citronellol	0.0946	ND	ND
Isobornyl Acetate	0.0236	ND	ND
Menthone		ND	ND
Nootkatone	0.0946	ND	ND
Octyl Acetate	0.0473	ND	ND
Phytane	0.0236	ND	ND
Piperitone	0.0236	ND	ND
Safranal	0.0236	ND	ND
Thymol	0.0236	ND	ND
trans-2-Pinanol	0.0946	ND	ND
Verbenone	0.0473	ND	ND

NOTES

See COA Footnote

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