

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

Total THC: 800 mg/g Total CBD: 13.0 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 06/17/2026 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. ²"Pyrethrins" is sum of Pyrethrins I and II.

*Not 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.

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

CANNABINOID PROFILE by HPLC / SOP-140 / Date Tested - 06/18/2026

Analyte	LOQ mg/g	Result mg/g	Result %
Tetrahydrocannabinolic acid (THCA)	2.49	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	2.49	800	80.0
delta-8-Tetrahydrocannabinol (delta-8-THC)	2.49	ND	ND
Tetrahydrocannabivarin (THCV)	2.49	5.81	0.581
Tetrahydrocannabivarinic acid (THCVA) [†]	2.49	ND	ND
Cannabidiolic acid (CBDA)	2.49	ND	ND
Cannabidiol (CBD)	2.49	13.0	1.30
Cannabidivarin (CBDV)	2.49	ND	ND
Cannabinol (CBN)	2.49	13.0	1.30
Cannabigerolic acid (CBGA)	2.49	ND	ND
Cannabigerol (CBG)	2.49	32.3	3.23
Cannabichromene (CBC)	2.49	8.42	0.842
Total THC		800	80.0
Total CBD		13.0	1.30

NOTES

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


Nick Szabo
Laboratory Manager



*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.
[†]Not 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.

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

Heavy Metals by ICPMS / NCTL SOP-103 / Date Tested - 06/19/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Arsenic	0.0664	0.42	ND	Passed
Cadmium	0.0664	0.27	ND	Passed
Lead	0.266	0.87	ND	Passed
Mercury	0.0664	0.87	ND	Passed

NOTES

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


Nick Szabo
Laboratory Manager



*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.

*Not 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.

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

Microbials by NCTL SOP-101/149 / Date Tested - 06/17/2026

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

MICROPP26061703

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


Nick Szabo
Laboratory Manager



*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.

*Not 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.

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

Mycotoxins

by LCMSMS / NCTL SOP-102 / Date Tested - 06/18/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Ochratoxin A	0.0169	0.02	ND	Passed
Aflatoxin B1	0.00422	0.02	ND	Passed
Aflatoxin B2	0.00422	0.02	ND	Passed
Aflatoxin G1	0.00422	0.02	ND	Passed
Aflatoxin G2	0.00422	0.02	ND	Passed
Total Aflatoxins		0.02	ND	Passed

NOTES

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.

*Not 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.

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

Pesticides by LCMSMS / NCTL SOP-102 / Date Tested - 06/18/2026

Analyte	LOQ ppm	OAC-3796 ppm Limit	Result ppm	Status
Abamectin	0.0422	ND	ND	Passed
Aldicarb	0.0422	ND	ND	Passed
Bifenazate	0.0169	0.1	ND	Passed
Cyfluthrin	0.422	0.05	ND	Passed
Daminozide	0.422	ND	ND	Passed
Diazinon	0.0422	ND	ND	Passed
Dichlorvos	0.0422	ND	ND	Passed
Dimethoate	0.0422	ND	ND	Passed
Etoxazole	0.00844	ND	ND	Passed
Flonicamid	0.0253	0.03	ND	Passed
Fludioxonil	0.00844	0.01	ND	Passed
Imidacloprid	0.00844	ND	ND	Passed
Myclobutanil	0.0422	ND	ND	Passed
Paclobutrazol	0.0211	ND	ND	Passed
Piperonyl Butoxide	0.00844	0.1	ND	Passed
Spirotetramat	0.00844	0.01	ND	Passed
Thiamethoxam	0.00844	0.02	ND	Passed
Total Pyrethrins ²		0.05	ND	Passed
Trifloxystrobin	0.00844	0.01	ND	Passed
Spinosad	0.00422	0.02	ND	Passed

NOTES

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.

*Not 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.

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

Residual Solvents by GCMS / NCTL-SOP-142 / Date Tested - 06/19/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Acetone	309	5000	ND	Passed
Benzene	1.23	2	ND	Passed
Ethanol	309	5000	ND	Passed
Heptane	309	5000	ND	Passed
Hexane	71.6	290	ND	Passed
Isobutane	309	5000	ND	Passed
Isopropyl Alcohol	309	5000	ND	Passed
N-butane	309	5000	ND	Passed
Pentane	309	5000	ND	Passed
Propane	309	5000	ND	Passed
Xylenes (o)	148	2170	ND	Passed
Xylenes (m, p)	296	2170	ND	Passed
Total Xylenes		2170	ND	Passed

NOTES

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


Nick Szabo
Laboratory Manager



*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.

*Not 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.

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

METRC ID: 1A40703000020D1000068045

Report Created: 6/22/2026

CC ID: 2606NCTL2630.22593

Sample Received: 6/17/2026

LIMS ID: 225629

Item: M00001280522: Granddaddy Purple Bulk Vape - No CBD

METRC Batch: 1A40703000020D1000068036

Strain: N/A

Product Category: Bulk Concentrate

Terpenes

by GCMS / NCTL-SOP-123 / Date Tested - 06/18/2026

Analyte	LOQ	Result	Result
	mg/g	mg/g	%
delta-Limonene	0.0250	18.2	1.82
beta-Myrcene	0.0250	10.4	1.04
beta-Caryophyllene ⁽¹⁾	0.0599	4.40	0.440
beta-Pinene ⁽¹⁾	0.0499	3.44	0.344
Linalool	0.0499	3.22	0.322
alpha-Pinene	0.0250	3.09	0.309
Camphene	0.0250	0.979	0.0979
alpha-Humulene	0.0250	0.930	0.0930
alpha-Bisabolol	0.0499	0.888	0.0888
Carene ⁽¹⁾	0.0499	0.811	0.0811
Fenchyl Alcohol	0.0998	0.707	0.0707
Ocimene (cis + trans)		0.448	0.0448
alpha-Terpineol	0.0499	0.430	0.0430
Caryophyllene Oxide	0.0998	0.315	0.0315
Terpinolene	0.0250	0.235	0.0235
beta-Eudesmol	0.0499	0.227	0.0227
trans-B-Farnesene	0.0998	0.214	0.0214
Cymene (sum of isomers)		0.146	0.0146
Guaiol	0.0499	0.135	0.0135
Fenchone	0.0250	0.111	0.0111
Farnesol (sum of isomers)		0.107	0.0107
Nerolidol (cis + trans)		0.0969	0.00969
alpha-Terpinene	0.0250	0.0777	0.00777
gamma-Terpinene	0.0250	0.0449	0.00449
alpha-Cedrene	0.0200	ND	ND
Cedrol	0.0250	ND	ND
Eucalyptol	0.0499	ND	ND
Geraniol	0.0998	ND	ND

Analyte	LOQ	Result	Result
	mg/g	mg/g	%
Geranyl Acetate	0.0998	ND	ND
Isoborneol	0.0250	ND	ND
Isopulegol	0.0998	ND	ND
Menthol	0.0499	ND	ND
Nerol	0.0998	ND	ND
Pulegone	0.0499	ND	ND
Sabinene Hydrate	0.0499	ND	ND
Valencene	0.0250	ND	ND
alpha-Thujone	0.0499	ND	ND
beta-Elementene	0.0250	ND	ND
Borneol	0.0499	ND	ND
Camphor	0.0499	ND	ND
Carvacrol	0.0499	ND	ND
Carvone	0.0250	ND	ND
Citral (cis + trans)		ND	ND
Citronellol	0.0998	ND	ND
Isobornyl Acetate	0.0250	ND	ND
Menthone		ND	ND
Nootkatone	0.0998	ND	ND
Octyl Acetate	0.0499	ND	ND
Phytane	0.0250	ND	ND
Piperitone	0.0250	ND	ND
Safranal	0.0250	ND	ND
Terpinen-4-ol	0.0499	ND	ND
Thymol	0.0250	ND	ND
trans-2-Pinanol	0.0998	ND	ND
Verbenone	0.0499	ND	ND

NOTES

See COA Footnote

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.

*Not 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.