CERTIFICATE OF ANALYSIS

NORTH COAST TESTING LABORATORIES, LLC

Prepared For: Mother Grows Best
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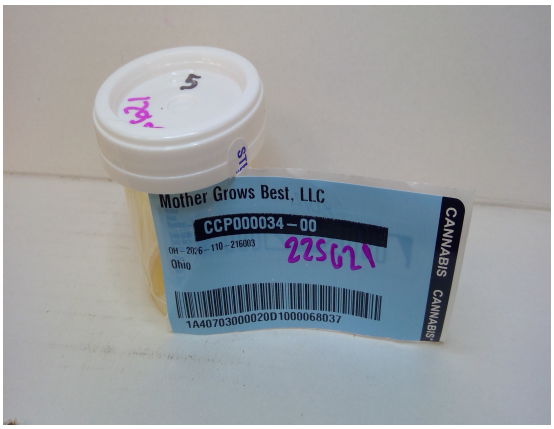
sdorf@perelmandorf.com
License: CCP000034-00

METRC ID: 1A40703000020D1000068037

Report Created: 6/22/2026	**CC ID:** 2606NCTL2630.22585
Sample Received: 6/17/2026	**LIMS ID:** 225621
Item: M00001355052: Fresh Powder bulk live resin	**METRC Batch:** 1A40703000020D1000068012
Strain: Fresh Powder	**Product Category:** Bulk Concentrate

Total THC: 731 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 06/17/2026 ND Foreign Matter	Not Tested Plant Pathogens	Not Tested Nutrients



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ISO/IEC 17025:2017

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Strain: Fresh Powder	**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)	2.25	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THC)	2.25	731	73.1
delta-8-Tetrahydrocannabinol (delta-8-THC)	2.25	ND	ND
Tetrahydrocannabivarin (THCV)	2.25	5.85	0.585
Tetrahydrocannabivarinic acid (THCVA) †	2.25	ND	ND
Cannabidiolic acid (CBDA)	2.25	ND	ND
Cannabidiol (CBD)	2.25	ND	ND
Cannabidivarin (CBDV)	2.25	ND	ND
Cannabinol (CBN)	2.25	ND	ND
Cannabigerolic acid (CBGA)	2.25	ND	ND
Cannabigerol (CBG)	2.25	52.2	5.22
Cannabichromene (CBC)	2.25	8.54	0.854
Total THC		**731**	**73.1**
Total CBD		**ND**	**ND**

NOTES

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Strain: Fresh Powder	**Product Category: Bulk Concentrate**

Heavy Metals by ICPMS / NCTL SOP-103 / Date Tested - 06/18/2026

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Arsenic	0.0733	0.42	ND	Passed
Cadmium	0.0733	0.27	ND	Passed
Lead	0.293	0.87	ND	Passed
Mercury	0.0733	0.87	ND	Passed

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Strain: Fresh Powder	**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

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Strain: Fresh Powder	**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	0.0197	0.02	ND	Passed
Aflatoxin B1	0.00493	0.02	ND	Passed
Aflatoxin B2	0.00493	0.02	ND	Passed
Aflatoxin G1	0.00493	0.02	ND	Passed
Aflatoxin G2	0.00493	0.02	ND	Passed
Total Aflatoxins		0.02	ND	Passed

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Strain: Fresh Powder	**Product Category: Bulk Concentrate**

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

Analyte	LOQ	OAC-3796	Result	Status
	ppm	ppm Limit	ppm	
Abamectin	0.0493	ND	ND	Passed
Aldicarb	0.0493	ND	ND	Passed
Bifenazate	0.0197	0.1	ND	Passed
Cyfluthrin	0.493	0.05	ND	Passed
Daminozide	0.493	ND	ND	Passed
Diazinon	0.0493	ND	ND	Passed
Dichlorvos	0.0493	ND	ND	Passed
Dimethoate	0.0493	ND	ND	Passed
Etoxazole	0.00986	ND	ND	Passed
Flonicamid	0.0296	0.03	ND	Passed
Fludioxonil	0.00986	0.01	ND	Passed
Imidacloprid	0.00986	ND	ND	Passed
Myclobutanil	0.0493	ND	ND	Passed
Paclobutrazol	0.0246	ND	ND	Passed
Piperonyl Butoxide	0.00986	0.1	ND	Passed
Spirotetramat	0.00986	0.01	ND	Passed
Thiamethoxam	0.00986	0.02	ND	Passed
Total Pyrethrins[2]		0.05	ND	Passed
Trifloxystrobin	0.00986	0.01	ND	Passed
Spinosad	0.00493	0.02	ND	Passed

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Item: M00001355052: Fresh Powder bulk live resin	**METRC Batch: 1A40703000020D1000068012**
Strain: Fresh Powder	**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	223	5000	ND	Passed
Benzene	0.891	2	ND	Passed
Ethanol	223	5000	ND	Passed
Heptane	223	5000	ND	Passed
Hexane	51.7	290	ND	Passed
Isobutane	223	5000	ND	Passed
Isopropyl Alcohol	223	5000	ND	Passed
N-butane	223	5000	ND	Passed
Pentane	223	5000	ND	Passed
Propane	223	5000	ND	Passed
Xylenes (o)	107	2170	ND	Passed
Xylenes (m, p)	214	2170	ND	Passed
Total Xylenes		2170	ND	Passed

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Strain: Fresh Powder	**Product Category: Bulk Concentrate**

Terpenes by GCMS / NCTL-SOP-123 / Date Tested - 06/19/2026

Analyte	LOQ	Result	Result
	mg/g	mg/g	%
Terpinolene	0.0283	31.2	3.12
beta-Caryophyllene[(1)]	0.0678	10.1	1.01
delta-Limonene	0.0283	8.00	0.800
beta-Myrcene	0.0283	6.05	0.605
Ocimene (cis + trans)		5.81	0.581
alpha-Pinene	0.0283	4.58	0.458
alpha-Humulene	0.0283	3.08	0.308
Carene [(1)]	0.0565	2.76	0.276
alpha-Terpineol	0.0565	1.86	0.186
alpha-Terpinene	0.0283	1.82	0.182
trans-B-Farnesene	0.113	1.63	0.163
Linalool	0.0565	1.56	0.156
gamma-Terpinene	0.0283	1.48	0.148
Fenchyl Alcohol	0.113	1.26	0.126
beta-Pinene [(1)]	0.0565	1.21	0.121
Camphene	0.0283	0.520	0.0520
Borneol	0.0565	0.408	0.0408
Nerolidol (cis + trans)		0.358	0.0358
alpha-Bisabolol	0.0565	0.317	0.0317
Terpinen-4-ol	0.0565	0.277	0.0277
Eucalyptol	0.0565	0.245	0.0245
trans-2-Pinanol	0.113	0.226	0.0226
beta-Eudesmol	0.0565	0.223	0.0223
Guaiol	0.0565	0.195	0.0195
Cymene (sum of isomers)		0.154	0.0154
Geraniol	0.113	0.128	0.0128
Fenchone	0.0283	0.0692	0.00692
alpha-Cedrene	0.0226	ND	ND

Analyte	LOQ	Result	Result
	mg/g	mg/g	%
Caryophyllene Oxide	0.113	ND	ND
Cedrol	0.0283	ND	ND
Geranyl Acetate	0.113	ND	ND
Isoborneol	0.0283	ND	ND
Isopulegol	0.113	ND	ND
Menthol	0.0565	ND	ND
Nerol	0.113	ND	ND
Pulegone	0.0565	ND	ND
Sabinene Hydrate	0.0565	ND	ND
Valencene	0.0283	ND	ND
alpha-Thujone	0.0565	ND	ND
beta-Elemene	0.0283	ND	ND
Camphor	0.0565	ND	ND
Carvacrol	0.0565	ND	ND
Carvone	0.0283	ND	ND
Citral (cis + trans)		ND	ND
Citronellol	0.113	ND	ND
Farnesol (sum of isomers)		ND	ND
Isobornyl Acetate	0.0283	ND	ND
Menthone		ND	ND
Nootkatone	0.113	ND	ND
Octyl Acetate	0.0565	ND	ND
Phytane	0.0283	ND	ND
Piperitone	0.0283	ND	ND
Safranal	0.0283	ND	ND
Thymol	0.0283	ND	ND
Verbenone	0.0565	ND	ND

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See COA Footnote

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