



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCP000034-00
Sample ID: 2609ML1092.7353
METRC Sample ID: 1A40703000020D1000068899



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 19638

Page 1 of 6

M00001300175: Bulk Raw SSU - Gastro Pop - 0.5g

METRC ID: 1A40703000020D1000068899

Sample ID: 2609ML1092.7353

METRC Source ID: 1A40703000020D1000068898

Manifest #: 0001492613

Source Batch #: Tech Solution: Rad Source - 420XL - 9/8/2026

Sample Collected: 09/22/2026

Gastro Pop

Sample Type: Raw Single Serving Unit

Sample Received: 09/22/2026

Strain: Gastro Pop

Report Published: 09/25/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	19.44% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (13.1%)	Water Activity Tested (0.563 Aw)		
	Terpenes Tested			

Moisture Analysis is analyzed by Oven Drying (SOP LAB-14)

Water Activity is analyzed by METER total moisture analyzer (SOP LAB-05)

Foreign Matter is analyzed by Microscope (SOP LAB-06)

Report Notes: N/A

Amber Lindsay

Scientific Director & Quality Manager

Smithers CTS Ohio LLC

2040 Fairwood Ave
Columbus, OH 43207
(330) 842-6553



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Cannabinoid Profile

Tested

Sample Analysis
Sample Prep Date: 09/23/2026
Sample Analysis Date: 09/24/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.030324	0.09184	ND	ND
CBDa	0.059298	0.18081	ND	ND
CBGA	0.013512	0.040926	0.651	6.51
CBG	0.021678	0.065616	0.24898	2.4898
CBD	0.13804	0.41897	ND	ND
THCV	0.090405	0.27413	ND	ND
CBN	0.074851	0.22747	ND	ND
Δ9-THC	0.1361	0.41216	1.0571	10.571
Δ8-THC	0.1361	0.41314	ND	ND
CBC	0.038204	0.11578	ND	ND
THCa	0.052494	0.15748	20.961	209.61
Cannabinoid Totals		Results (%)	Results (mg/g)	
Total THC		19.44	194.4	
Total CBD		ND	ND	

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC
Total CBD = CBDa * 0.877 + CBD

Report Notes: N/A

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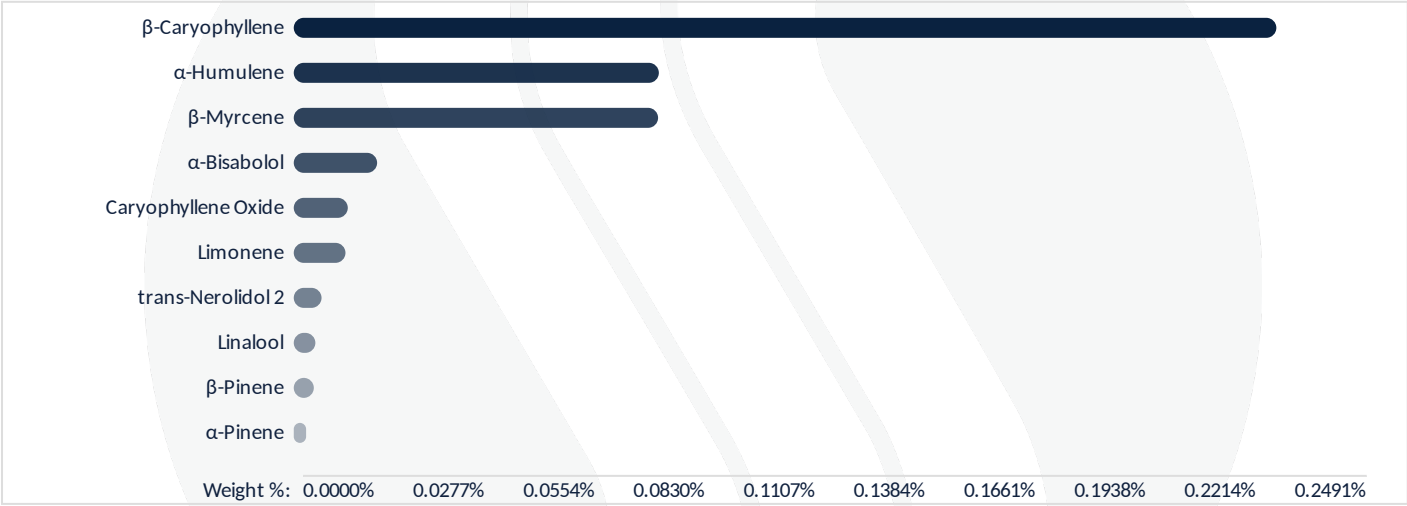
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 09/23/2026
Sample Analysis Date: 09/25/2026
Analyzed By: GCMS
SOP: SOP LAB-15

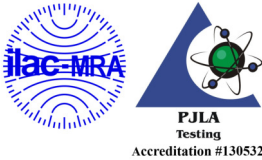
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Caryophyllene	0.0015656	0.0047554	0.24912	2.4912	cis-Nerolidol 1	0.0015656	0.0047554	ND	ND
α-Humulene	0.0011350	0.0034247	0.092564	0.92564	Geraniol	0.0017417	0.0052642	ND	ND
β-Myrcene	0.0020548	0.0062035	0.092368	0.92368	Isopulegol	0.0012720	0.0038552	ND	ND
α-Bisabolol	0.0012720	0.0038552	0.021135	0.21135	Terpinolene	0.0016438	0.0049902	ND	ND
Caryophyllene Oxide	0.0034834	0.010587	0.013699	0.13699	γ-Terpinene	0.0018004	0.0054795	ND	ND
Limonene	0.0019178	0.0057926	0.013112	0.13112	Eucalyptol	0.00023483	0.00074364	ND	ND
trans-Nerolidol 2	0.0018982	0.0057534	0.0070450	0.070450	p-Cymene	0.00080235	0.0024462	ND	ND
Linalool	0.00091977	0.0027984	0.0054795	0.054795	Ocimene	0.0035616	0.010783	< LOQ	< LOQ
β-Pinene	0.0013112	0.0039922	0.0050881	0.050881	α-Terpinene	0.0020352	0.0061448	ND	ND
α-Pinene	0.0024853	0.0075147	< LOQ	< LOQ	3-Carene	0.0018200	0.0055186	ND	ND
Guaiol	0.0013307	0.0040313	ND	ND	Camphene	0.0016438	0.0049902	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 09/23/2026
Sample Analysis Date: 09/25/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Abamectin	0.0311	0.0933	0.0311	ND	Piperonyl butoxide	0.0156	0.0467	0.0156	ND
Aldicarb	0.0311	0.0933	0.0311	ND	Pyrethrins	0.00311	0.00933	0.05	ND
Daminozide	0.0311	0.0933	0.0311	ND	Spinosad	0.00311	0.00933	0.02	ND
DDVP (Dichlorvos)	0.00311	0.00933	0.00311	ND	Spirotetramat	0.00156	0.00467	0.01	ND
Diazinon	0.0156	0.0467	0.0156	ND	Thiamethoxam	0.00311	0.00933	0.02	ND
Dimethoate	0.0156	0.0467	0.0156	ND	Trifloxystrobin	0.00156	0.00467	0.01	ND
Etoxazole	0.0156	0.0467	0.0156	ND	Bifenazate	0.0156	0.0467	0.1	ND
Imidacloprid	0.0311	0.0933	0.0311	ND	Cyfluthrin	0.00311	0.00933	0.01	ND
Myclobutanil	0.0156	0.0467	0.0156	ND	Flonicamid	0.00311	0.00933	0.03	ND
Paclobutrazol	0.0311	0.0933	0.0311	ND	Fludioxonil	0.00156	0.00467	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis

Sample Prep Date: 09/23/2026
Sample Analysis Date: 09/25/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.08	9.33	20	ND
Aflatoxin B2	3.08	9.33	20	ND
Aflatoxin G1	3.08	9.33	20	ND
Aflatoxin G2	3.08	9.33	20	ND
Total Aflatoxins	3.08	9.33	20	ND
Ochratoxin A	3.08	9.33	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 09/23/2026
Sample Analysis Date: 09/24/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0847	0.253	0.42	ND
Cadmium	0.0528	0.154	0.27	ND
Mercury	0.0638	0.198	0.87	ND
Lead	0.0671	0.198	0.87	ND

Microbial Impurities

Pass

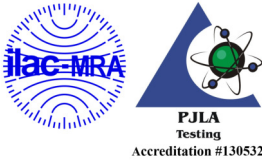
Sample Analysis
Sample Prep Date: 09/22/2026
Sample Analysis Date: 09/25/2026
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR
SOP: SOP LAB-04 | SOP Lab-17

Analyte	Limit (cfu/g)	Results (cfu/g)
Total Viable Aerobic Bacteria	100000	ND
Total Bile-Tolerant Gram-Negative Bacteria	1000	ND
Total Coliforms	1000	ND
Total Yeast & Mold	50000	305
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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