



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCP000034-00
Sample ID: 2607ML0812.5429
METRC Sample ID: 1A40703000020D1000068330



SMITHERS

CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 17621

Page 1 of 6

M00001373012: Bulk Raw SSU - Tuscan Gelato - .5g

METRC ID: 1A40703000020D1000068330

Sample ID: 2607ML0812.5429

METRC Source ID: 1A40703000020D1000068329

Manifest #: 0001454759

Source Batch #: Tech Solution: Rad Source - 420XL - 7/20/2026

Sample Collected: 07/23/2026

Sample Type: Raw Single Serving Unit

Sample Received: 07/23/2026

Strain: Tuscan Gelato

Report Published: 07/27/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	22.723% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		0.14364% Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (10.2%)	Water Activity Tested (0.491 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: 07/24/2026
Sample Analysis Date: 07/27/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

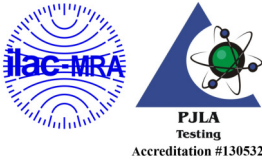
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.02365	0.071626	ND	ND
CBDa	0.045943	0.14009	0.16379	1.6379
CBGA	0.010469	0.031708	1.1985	11.985
CBG	0.016795	0.050838	0.24617	2.4617
CBD	0.10695	0.32462	ND	ND
THCV	0.070044	0.21239	ND	ND
CBN	0.057994	0.17624	ND	ND
Δ9-THC	0.10544	0.31934	1.1414	11.414
Δ8-THC	0.10544	0.3201	ND	ND
CBC	0.0296	0.089702	ND	ND
THCa	0.040671	0.12201	24.608	246.08
Cannabinoid Totals		Results (%)	Results (mg/g)	
Total THC		22.723	227.23	
Total CBD		0.14364	1.4364	

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

Report Notes: N/A

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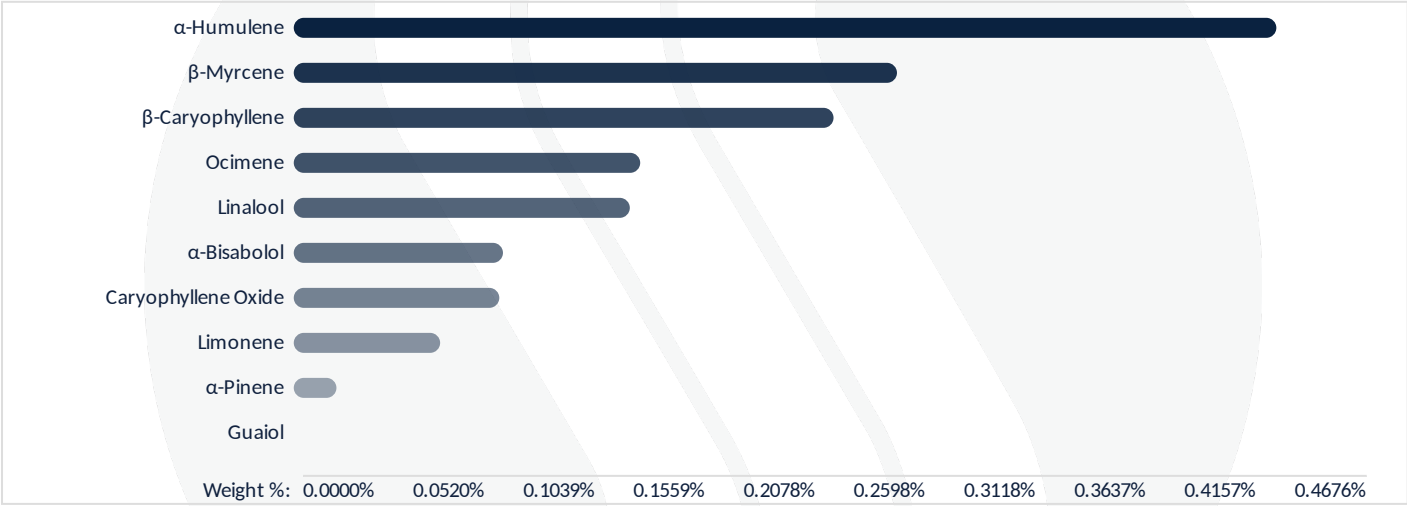
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 07/24/2026
Sample Analysis Date: 07/27/2026
Analyzed By: GCMS
SOP: SOP LAB-15

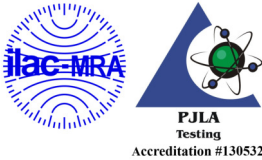
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
α-Humulene	0.0016836	0.0050798	0.46763	4.6763	cis-Nerolidol 1	0.0023222	0.0070537	ND	ND
β-Myrcene	0.0030479	0.0092017	0.28708	2.8708	Geraniol	0.0025835	0.0078084	ND	ND
β-Caryophyllene	0.0023222	0.0070537	0.25689	2.5689	Isopulegol	0.0018868	0.0057184	ND	ND
Ocimene	0.0052830	0.015994	0.16488	1.6488	Terpinolene	0.0024383	0.0074020	ND	ND
Linalool	0.0013643	0.0041509	0.15994	1.5994	γ-Terpinene	0.0026705	0.0081277	ND	ND
α-Bisabolol	0.0018868	0.0057184	0.099565	0.99565	Eucalyptol	0.00034833	0.0011030	ND	ND
Caryophyllene Oxide	0.0051669	0.015704	0.097823	0.97823	p-Cymene	0.0011901	0.0036284	ND	ND
Limonene	0.0028447	0.0085922	0.069666	0.69666	α-Terpinene	0.0030189	0.0091147	ND	ND
α-Pinene	0.0036865	0.011147	0.020319	0.20319	3-Carene	0.0026996	0.0081858	ND	ND
Guaiol	0.0019739	0.0059797	ND	ND	β-Pinene	0.0019448	0.0059216	ND	ND
trans-Nerolidol 2	0.0028157	0.0085341	ND	ND	Camphene	0.0024383	0.0074020	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 07/24/2026
Sample Analysis Date: 07/27/2026
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	0.0309	0.0927	0.0309	ND	Piperonyl butoxide	0.0155	0.0463	0.0155	ND
Aldicarb	0.0309	0.0927	0.0309	ND	Pyrethrins	0.00309	0.00927	0.05	ND
Daminozide	0.0309	0.0927	0.0309	ND	Spinosad	0.00309	0.00927	0.02	ND
DDVP (Dichlorvos)	0.00309	0.00927	0.00309	ND	Spirotetramat	0.00155	0.00463	0.01	ND
Diazinon	0.0155	0.0463	0.0155	ND	Thiamethoxam	0.00309	0.00927	0.02	ND
Dimethoate	0.0155	0.0463	0.0155	ND	Trifloxystrobin	0.00155	0.00463	0.01	ND
Etoxazole	0.0155	0.0463	0.0155	ND	Bifenazate	0.0155	0.0463	0.1	ND
Imidacloprid	0.0309	0.0927	0.0309	ND	Cyfluthrin	0.00309	0.00927	0.01	ND
Myclobutanil	0.0155	0.0463	0.0155	ND	Flonicamid	0.00309	0.00927	0.03	ND
Paclobutrazol	0.0309	0.0927	0.0309	ND	Fludioxonil	0.00155	0.00463	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

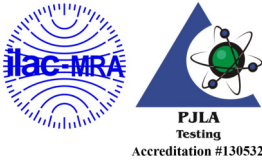
Sample Analysis
Sample Prep Date: 07/24/2026
Sample Analysis Date: 07/27/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.06	9.27	20	ND
Aflatoxin B2	3.06	9.27	20	ND
Aflatoxin G1	3.06	9.27	20	ND
Aflatoxin G2	3.06	9.27	20	ND
Total Aflatoxins	3.06	9.27	20	ND
Ochratoxin A	3.06	9.27	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 07/24/2026
Sample Analysis Date: 07/27/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0766	0.229	0.42	ND
Cadmium	0.0478	0.139	0.27	ND
Mercury	0.0577	0.179	0.87	ND
Lead	0.0607	0.179	0.87	ND

Microbial Impurities

Pass

Sample Analysis
Sample Prep Date: 07/23/2026
Sample Analysis Date: 07/26/2026
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	ND
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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