

Black Garlic Gelato

 Sample ID: SA-250926-69522
 Batch: BGG001
 Type: Plant Material
 Matrix: Plant - Flower
 Unit Mass (g):

 Received: 09/26/2025
 Completed: 10/30/2025

Client
 Hempyre, LLC
 10665 Shaenfield Rd STE 112
 San Antonio, TX 78254
 USA
 Lic. #: 7369

Summary

Test	Date Tested	Status
Cannabinoids	10/07/2025	Tested
Moisture	10/07/2025	Tested
Foreign Matter	10/23/2025	Tested
Heavy Metals	10/30/2025	Tested
Microbials	10/30/2025	Tested
Mycotoxins	10/28/2025	Tested
Pesticides	10/28/2025	Tested
Residual Solvents	10/27/2025	Tested

0.180 % Total Δ9-THC	9.93 % CBCA	20.8 % Total Cannabinoids	9.53 % Moisture Content	Not Detected Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (% dry)	Result (mg/g dry)
CBC	0.00095	0.0028	0.187	1.87
CBCA	0.00181	0.0054	0.207	2.07
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.0024	ND	ND
CBDA	0.00043	0.0013	ND	ND
CBDB	0.00067	0.002	ND	ND
CBD-C8	0.00067	0.002	ND	ND
CBDH	0.00067	0.002	ND	ND
CBDP	0.00067	0.002	ND	ND
CBDV	0.00061	0.0018	ND	ND
CBDVA	0.00021	0.0006	ND	ND
CBC	0.00057	0.0017	0.587	5.87
CBCA	0.00049	0.0015	9.93	99.3
CBL	0.00112	0.0033	ND	ND
CBLA	0.00124	0.0037	ND	ND
CBN	0.00056	0.0017	0.0924	0.924
CBNA	0.0006	0.0018	ND	ND
CBNP	0.00067	0.002	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	0.0342	0.342
Δ6a,10a-THC	0.00067	0.002	ND	ND
Δ8-iso-THC	0.00067	0.002	0.0434	0.434
Δ8-THC	0.00104	0.0031	7.87	78.7
Δ8-THCB	0.00067	0.002	0.0172	0.172
Δ8-THC-C8	0.00067	0.002	ND	ND
Δ8-THCH	0.00067	0.002	ND	ND
Δ8-THCP	0.00067	0.002	1.52	15.2
Δ8-THCV	0.00067	0.002	0.0476	0.476
Δ9-THC	0.00076	0.0023	0.150	1.50
Δ9-THCA	0.00084	0.0025	0.0351	0.351
Δ9-THCB	0.00067	0.002	ND	ND
Δ9-THC-C8	0.00067	0.002	ND	ND
Δ9-THCH	0.00067	0.002	ND	ND
Δ9-THCP	0.00067	0.002	0.0276	0.276
Δ9-THCV	0.00069	0.0021	ND	ND
Δ9-THCVA	0.00062	0.0019	ND	ND
(6aR,9R)-Δ10-THC	0.00067	0.002	ND	ND
(6aR,9S)-Δ10-THC	0.00067	0.002	ND	ND
exo-THC	0.00067	0.002	ND	ND
(6aR,9R,10aR)-HHC	0.00067	0.002	ND	ND
(6aR,9S,10aR)-HHC	0.00067	0.002	ND	ND
Total Δ9-THC			0.18038	1.80
Total			20.8	208

ND = Not Detected; NR = Sample matrix interference present which may affect accuracy of results; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD.



 Generated By: Ryan Bellone
 Commercial Director
 Date: 10/30/2025



 Tested By: Kelsey Rogers
 Scientist
 Date: 10/07/2025

 ISO/IEC 17025:2017 Accredited
 Accreditation #108851


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Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	0.0260
Cadmium	0.001	0.02	0.0910
Lead	0.002	0.02	0.0470
Mercury	0.012	0.05	ND

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 10/30/2025



 Tested By: Chris Farman
 Scientist
 Date: 10/30/2025


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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acetaminocyl	30	100	ND	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Captan	30	100	NR	Myclobutanil	30	100	ND
Carbaryl	30	100	ND	Naled	30	100	ND
Carbofuran	30	100	ND	Oxamyl	30	100	ND
Chloranthraniliprole	30	100	ND	Paclobutrazol	30	100	ND
Chlordane	30	100	NR	Parathion methyl	30	100	NR
Chlorfenapyr	30	100	ND	Pentachloronitrobenzene	30	100	NR
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cyfluthrin	30	100	NR	Prallethrin	30	100	ND
Cypermethrin	30	100	ND	Propiconazole	30	100	ND
Daminozide	30	100	ND	Propoxur	30	100	ND
Diazinon	30	100	ND	Pyrethrins	30	100	ND
Dichlorvos	30	100	ND	Pyridaben	30	100	ND
Dimethoate	30	100	ND	Spinetoram	30	100	ND
Dimethomorph	30	100	ND	Spinosad	30	100	ND
Ethoprophos	30	100	ND	Spiromesifen	30	100	ND
Etofenprox	30	100	ND	Spirotetramat	30	100	ND
Etoxazole	30	100	ND	Spiroxamine	30	100	ND
Fenhexamid	30	100	ND	Tebuconazole	30	100	ND
Fenoxycarb	30	100	ND	Thiacloprid	30	100	ND
Fenpyroximate	30	100	ND	Thiamethoxam	30	100	ND
Fipronil	30	100	ND	Trifloxystrobin	30	100	ND
Flonicamid	30	100	ND				
Fludioxonil	30	100	ND				

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 10/30/2025



 Authorized By: Jasper van Heemst
 Principal Scientist
 Date: 10/28/2025


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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 10/30/2025


 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 10/28/2025


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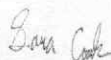
Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	1000	1000	
Aspergillus flavus	1		Not Detected per 1 gram
Aspergillus fumigatus	1		Not Detected per 1 gram
Aspergillus niger	1		Not Detected per 1 gram
Aspergillus terreus	1		Not Detected per 1 gram
Bile-tolerant gram-negative bacteria	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram
Total yeast and mold count (TYMC)	1000	85000	

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 10/30/2025



 Tested By: Sara Cook
 Laboratory Technician
 Date: 10/30/2025


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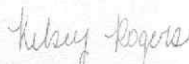
Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	33	100	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	33	100	ND
Benzene	0.5	1	ND	n-Hexane	2	6	ND
Butane	33	100	ND	Isobutane	33	100	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	20	60	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	2	6	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	2	6	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	33	100	ND
2,2-Dimethylbutane	2	6	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	2	6	ND	n-Propane	33	100	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	6	18	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	33	100	ND	Xylenes (o-, m-, and p-)	14	43	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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 Commercial Director
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 Tested By: Kelsey Rogers
 Scientist
 Date: 10/27/2025
