#### NY.HGM.BRZ.01

Sample ID: SA-241211-53343 Batch: NY.HGM.BRZ.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.29726 Received: 12/11/2024 Completed: 12/16/2024 Client

GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990

USA



Summary

Test
Cannabinoids
Foreign Matter
Heavy Metals
Microbials
Mycotoxins
Pesticides
Residual Solvents
Terpenes

Date Tested
12/13/2024
12/11/2024
12/12/2024
12/16/2024
12/13/2024
12/13/2024
12/13/2024
12/13/2024

**Not Detected** 

Status
Tested

**0.291** % Total Δ9-THC **0.294 %** CBG 0.599 %

Total Cannabinoids

Not Tested

Moisture Content Foreign Matter

Yes

Internal Standard Normalization

# Cannabinoids by HPLC-PDA

Analyte	LOD		LOQ	Result	Result (mg/unit)
	(%)		(%)	(%)	
CBC	0.00095		00284	0.00389	0.128
CBCA	0.00181	О.	00543	ND	ND
CBCV	0.0006	C	.0018	ND	ND
CBD	0.00081	0.	00242	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBDA	0.00043	C	0.0013	ND	ND
CBDV	0.00061	0.	00182	ND	ND
CBDVA	0.00021	0.	00063	ND	ND
CBG	0.00057	0.	00172	0.294	9.68
CBGA	0.00049	0.	00147	ND	ND
CBL	0.00112	0.	00335	ND	ND
CBLA	0.00124	0.	.00371	ND	ND
CBN	0.00056	0.	00169	0.00647	0.213
CBNA	0.0006	0	.00181	ND	ND
CBT	0.0018		.0054	ND	ND
Δ8-ΤΗС	0.00104	0	.00312	ND	ND
Δ9-ΤΗС	0.00076	0.	00227	0.291	9.60
Δ9-ΤΗСΑ	0.00084		.00251	ND	ND
Δ9-ΤΗCV	0.00069	0.	00206	0.00343	0.113
Δ9-THCVA	0.00062	0.	00186	ND	ND
Total Δ9-THC				0.291	9.60
Total				0.599	19.7

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THCA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

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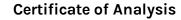
CCO Date: 12/16/2024 Tested By: Kelsey Rogers Scientist Date: 12/13/2024







ISO/IEC 17025:2017 Accredited Accreditation #108651





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#### NY.HGM.BRZ.01

Sample ID: SA-241211-53343 Batch: NY.HGM.BRZ.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.29726 Received: 12/11/2024 Completed: 12/16/2024 Client

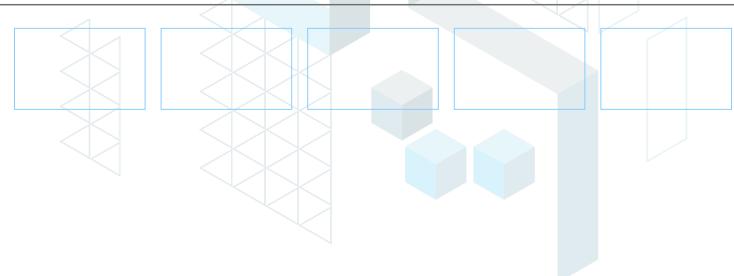
GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990

USA

## Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.0002	0.001	ND	Limonene	0.0002	0.001	ND
(+)-Borneol	0.0002	0.001	ND	Linalool	0.0002	0.001	ND
Camphene	0.0002	0.001	ND	β-myrcene	0.0002	0.001	ND
Camphor	0.0004	0.002	ND	Nerol	0.0002	0.001	ND
3-Carene	0.0002	0.001	ND	cis-Nerolidol	0.0002	0.001	ND
β-Caryophyllene	0.0002	0.001	ND	trans-Nerolidol	0.0002	0.001	ND
Caryophyllene Oxide	0.0002	0.001	ND	Ocimene	0.0002	0.001	ND
<b>α</b> -Cedrene	0.0002	0.001	ND	<b>α</b> -Phellandrene	0.0002	0.001	ND
Cedrol	0.0002	0.001	ND	<b>α</b> -Pinene	0.0002	0.001	ND
Eucalyptol	0.0002	0.001	ND	β-Pinene	0.0002	0.001	ND
Fenchone	0.0004	0.002	ND	Pulegone	0.0002	0.001	ND
Fenchyl Alcohol	0.0002	0.001	ND	Sabinene	0.0002	0.001	ND
Geraniol	0.0002	0.001	ND	Sabinene Hydrate	0.0002	0.001	ND
Geranyl Acetate	0.0002	0.001	ND	<b>α</b> -Terpinene	0.0002	0.001	ND
Guaiol	0.0002	0.001	ND	γ-Terpinene	0.0002	0.001	ND
Hexahydrothymol	0.0002	0.001	ND	α-Terpineol	0.0001	0.0005	ND
<b>α</b> -Humulene	0.0002	0.001	ND	γ-Terpineol	0.0001	0.0005	ND
Isoborneol	0.0002	0.001	ND	Terpinolene	0.0002	0.001	ND
Isopulegol	0.0002	0.001	ND	Valencene	0.0002	0.001	ND
				Total Terpenes (%)			0.000

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



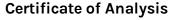
Generated By: Ryan Bellone CCO

Date: 12/16/2024

Tested By: Jasper van Heemst Principal Scientist Date: 12/12/2024



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories are provide measurement uncertainty upon request.





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#### NY.HGM.BRZ.01

Unit Mass (g): 3.29726

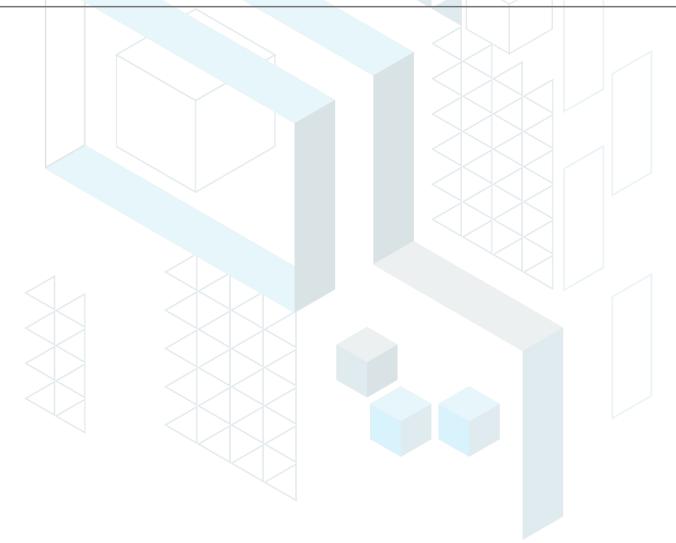
Sample ID: SA-241211-53343 Batch: NY.HGM.BRZ.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/11/2024 Completed: 12/16/2024 Client GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990 USA

## **Heavy Metals by ICP-MS**

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

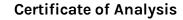
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Generated By: Ryan Bellone CCO

Date: 12/16/2024

Tested By: Chris Farman Scientist Date: 12/12/2024





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#### NY.HGM.BRZ.01

Sample ID: SA-241211-53343 Batch: NY.HGM.BRZ.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.29726 Received: 12/11/2024 Completed: 12/16/2024 Client

GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990 USA

Pesticides by LC-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
Acetamiprid	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Paclobutrazol	30	100	ND
Clofentezine	30	100	ND	Permethrin	30	100	ND
Coumaphos	30	100	ND	Phosmet	30	100	ND
Cypermethrin	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Prallethrin	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyrethrins	30	100	ND
Ethoprophos	30	100	ND	Pyridaben	30	100	ND
Etofenprox	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Flonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

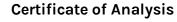
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Generated By: Ryan Bellone CCO

Date: 12/16/2024

Tested By: Anthony Mattingly Scientist Date: 12/13/2024







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#### NY.HGM.BRZ.01

Unit Mass (g): 3.29726

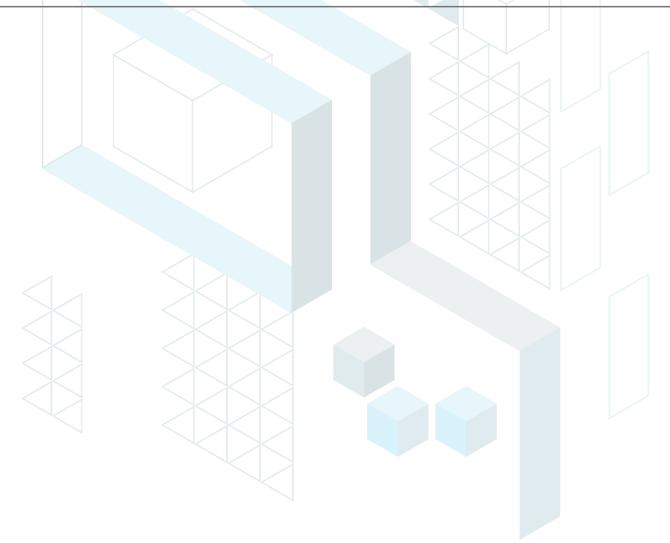
Sample ID: SA-241211-53343 Batch: NY.HGM.BRZ.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/11/2024 Completed: 12/16/2024 Client GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990 USA

## Mycotoxins by LC-MS/MS

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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



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Tested By: Anthony Mattingly Scientist





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### **Certificate of Analysis**

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#### NY.HGM.BRZ.01

Unit Mass (g): 3.29726

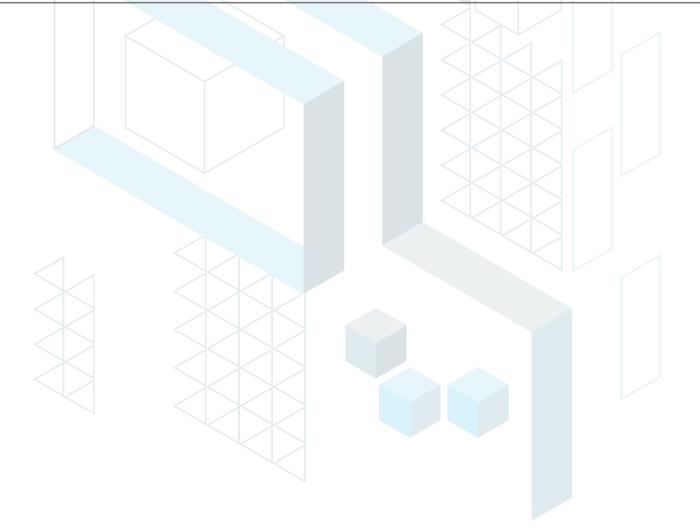
Sample ID: SA-241211-53343 Batch: NY.HGM.BRZ.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

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## Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	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

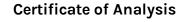
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO

Tested By: Jade Pinkston Microbiology Technician Date: 12/16/2024 Date: 12/16/2024







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#### NY.HGM.BRZ.01

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Type: Finished Product - Ingestible

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GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990

USA

## Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND ND	Ethylene Oxide	0.5	(ppiii)	ND
Acetonie Acetonitrile					167	500	
	14	41	ND	Heptane			ND
Benzene	0.5	I	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	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	100	300	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	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	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	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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RAL

Generated By: Ryan Bellone CCO Date: 12/16/2024 Kelsey Rogers

Tested By: Kelsey Rogers Scientist Date: 12/13/2024

