1 of 7

NY.HGM.ZZZ.02

Sample ID: SA-241209-53236 Batch: NY.HGM.ZZZ.02

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 2.96105

Received: 12/09/2024 Completed: 12/12/2024 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 12/11/2024 12/11/2024 12/11/2024 12/11/2024 12/12/2024 12/12/2024 12/11/2024 12/12/2024

Not Detected

Status Tested Tested Tested Tested Tested Tested Tested Tested

0.301 % Total Δ9-THC

0.301 % Δ9-ΤΗС 0.370 %

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	0.00284	0.00387	0.115
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.00581	0.172
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	0.0562	1.66
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-THC	0.00104	0.00312	ND	ND
Δ9-ΤΗС	0.00076	0.00227	0.301	8.90
Δ9-ΤΗCΑ	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	0.00322	0.0953
Δ9-THCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			0.301	8.90
Total			0.370	10.9

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THC4 * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone CCO

Date: 12/12/2024

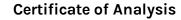
Tested By: Kelsey Rogers Scientist Date: 12/11/2024







ISO/IEC 17025:2017 Accredited Accreditation #108651



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NY.HGM.ZZZ.02

Sample ID: SA-241209-53236 Batch: NY.HGM.ZZZ.02

Type: Finished Product - Ingestible

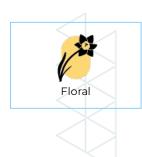
Matrix: Edible - Gummy Unit Mass (g): 2.96105 Received: 12/09/2024 Completed: 12/12/2024 Client

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	0.00272
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
α -Cedrene	0.0002	0.001	ND	α -Phellandrene	0.0002	0.001	ND
Cedrol	0.0002	0.001	ND	α-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	α-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
α -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 (%)			0.00272

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







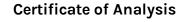




Generated By: Ryan Bellone CCO Date: 12/12/2024

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.ZZZ.02

Unit Mass (g): 2.96105

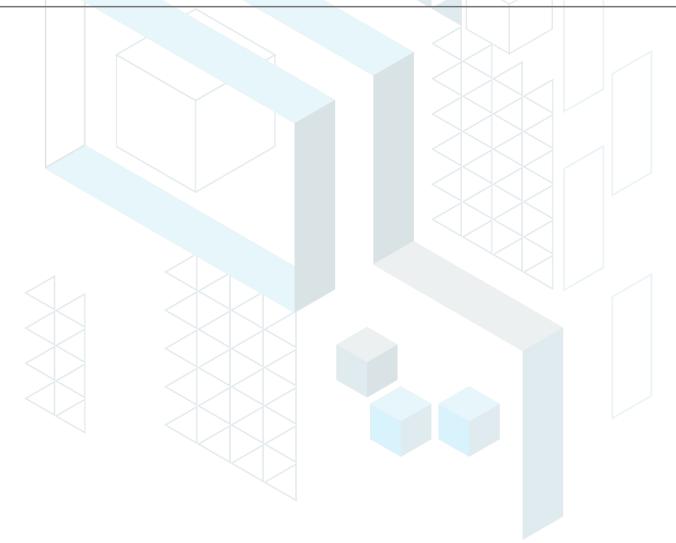
Sample ID: SA-241209-53236 Batch: NY.HGM.ZZZ.02 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/09/2024 Completed: 12/12/2024 **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

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

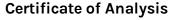


Generated By: Ryan Bellone CCO

Date: 12/12/2024

Tested By: Chris Farman Scientist Date: 12/11/2024







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NY.HGM.ZZZ.02

Sample ID: SA-241209-53236 Batch: NY.HGM.ZZZ.02

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 2.96105

Received: 12/09/2024 Completed: 12/12/2024 Client

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

Pesticides by LC-MS/MS

	LOD	LOQ	Result		LOD	LOQ	Result
Analyte	(ppb)	(ppb)	(ppb)	Analyte	(ppb)	(ppb)	(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
Aldicarb	30	100	ND	Kresoxim methyl	30	100	ND
Azoxystrobin	30	100	ND	Malathion	30	100	ND
Bifenazate	30	100	ND	Metalaxyl	30	100	ND
Bifenthrin	30	100	ND	Methiocarb	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbaryl	30	100	ND	Mevinphos	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	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

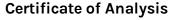
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO

Date: 12/12/2024

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







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NY.HGM.ZZZ.02

Unit Mass (g): 2.96105

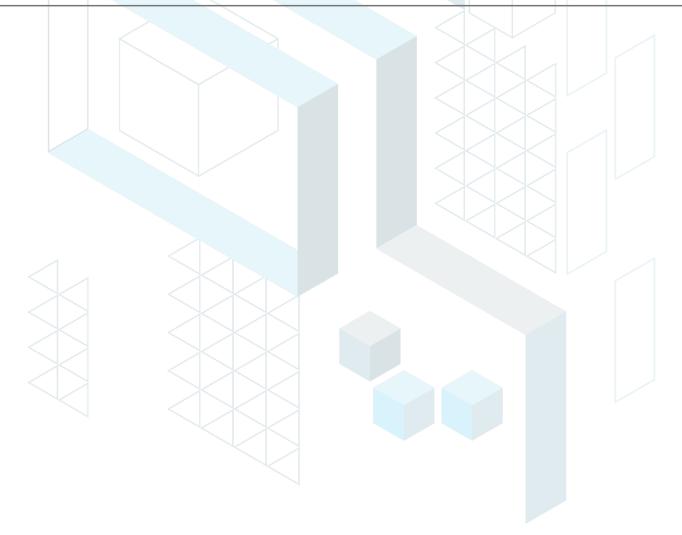
Sample ID: SA-241209-53236 Batch: NY.HGM.ZZZ.02 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/09/2024 Completed: 12/12/2024 Client GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990 USA

Mycotoxins by LC-MS/MS

B1 1 5 ND ND S1	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	
G1 1 5 ND	B1	i	5	ND	
	B2	1	5	ND	
G2 1 5 ND	G1	1	5	ND	
	G2	1	5	ND	
Ochratoxin A 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



Generated By: Ryan Bellone CCO Date: 12/12/2024

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





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NY.HGM.ZZZ.02

Unit Mass (g): 2.96105

Sample ID: SA-241209-53236 Batch: NY.HGM.ZZZ.02 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/09/2024 Completed: 12/12/2024 Client GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990 USA

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

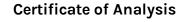
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO

Date: 12/12/2024

Tested By: Natalia Wright Laboratory Technician Date: 12/11/2024





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NY.HGM.ZZZ.02

Sample ID: SA-241209-53236 Batch: NY.HGM.ZZZ.02

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 2.96105 Received: 12/09/2024 Completed: 12/12/2024 Client

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	(ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	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				

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

RAL

Generated By: Ryan Bellone CCO

Date: 12/12/2024

Tested By: Kelsey Rogers
Scientist
Date: 12/11/2024



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NY.HGM.STR.01

Sample ID: SA-241209-53238 Batch: NY.HGM.STR.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.05767

Received: 12/09/2024 Completed: 12/12/2024 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 12/11/2024 12/11/2024 12/11/2024 12/11/2024 12/12/2024 12/12/2024 12/11/2024 12/12/2024

Status Tested Tested Tested Tested Tested Tested Tested Tested

0.296 % Total Δ9-THC 0.300 % CBD

0.615 %

Total Cannabinoids

Not Tested

Moisture Content

Not Detected

Foreign Matter

Yes

Internal Standard Normalization

Cannabinoids by HPLC-PDA

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	0.00361	0.110
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	0.300	9.17
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.00588	0.180
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	0.00615	0.188
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-ΤΗС	0.00104	0.00312	ND	ND
Δ9-ΤΗС	0.00076	0.00227	0.296	9.05
Δ9-ΤΗCΑ	0.00084	0.00251	ND	ND
Δ9-ΤΗCV	0.00069	0.00206	0.00338	0.103
Δ9-ΤΗCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			0.296	9.05
Total			0.615	18.8

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THC4 * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone

CCO Date: 12/12/2024 Tested By: Kelsey Rogers Scientist Date: 12/11/2024

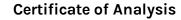




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NY.HGM.STR.01

Sample ID: SA-241209-53238 Batch: NY.HGM.STR.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.05767

Received: 12/09/2024 Completed: 12/12/2024 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	<loq< td=""></loq<>
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
α -Cedrene	0.0002	0.001	ND	α -Phellandrene	0.0002	0.001	ND
Cedrol	0.0002	0.001	ND	α-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	α-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
α -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 (%)			0.000960

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





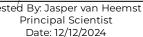




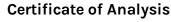


Generated By: Ryan Bellone CCO Date: 12/12/2024

Tested By: Jasper van Heemst **Principal Scientist**









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NY.HGM.STR.01

Unit Mass (g): 3.05767

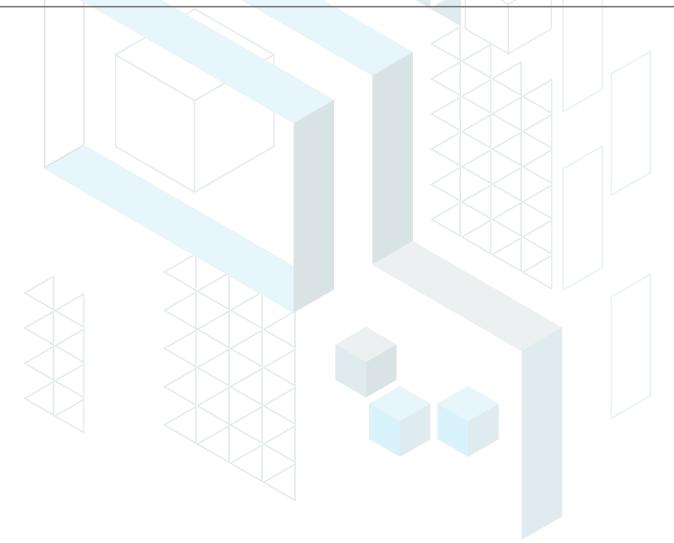
Sample ID: SA-241209-53238 Batch: NY.HGM.STR.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/09/2024 Completed: 12/12/2024 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

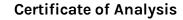
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone CCO Date: 12/12/2024

Tested By: Chris Farman Scientist Date: 12/11/2024







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NY.HGM.STR.01

Sample ID: SA-241209-53238 Batch: NY.HGM.STR.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.05767 Received: 12/09/2024 Completed: 12/12/2024 Client

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

Pesticides by LC-MS/MS

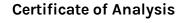
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	lmazalil	30	100	ND
Acetamiprid	30	100	ND	Imidacloprid	30	100	ND
Aldicarb	30	100	ND	Kresoxim methyl	30	100	ND
Azoxystrobin	30	100	ND	Malathion	30	100	ND
Bifenazate	30	100	ND	Metalaxyl	30	100	ND
Bifenthrin	30	100	ND	Methiocarb	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbaryl	30	100	ND	Mevinphos	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	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	Propiconazole	30	100	ND
Dichlorvos	30	100	ND	Propoxur	30	100	ND
Dimethoate	30	100	ND	Pyrethrins	30	100	ND
Dimethomorph	30	100	ND	Pyridaben	30	100	ND
Ethoprophos	30	100	ND	Spinetoram	30	100	ND
Etofenprox	30	100	ND	Spinosad	30	100	ND
Etoxazole	30	100	ND	Spiromesifen	30	100	ND
Fenhexamid	30	100	ND	Spirotetramat	30	100	ND
Fenoxycarb	30	100	ND	Spiroxamine	30	100	ND
Fenpyroximate	30	100	ND	Tebuconazole	30	100	ND
Fipronil	30	100	ND	Thiacloprid	30	100	ND
Flonicamid	30	100	ND	Thiamethoxam	30	100	ND
Fludioxonil	30	100	ND	Trifloxystrobin	30	100	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

Generated By: Ryan Bellone

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







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NY.HGM.STR.01

Unit Mass (g): 3.05767

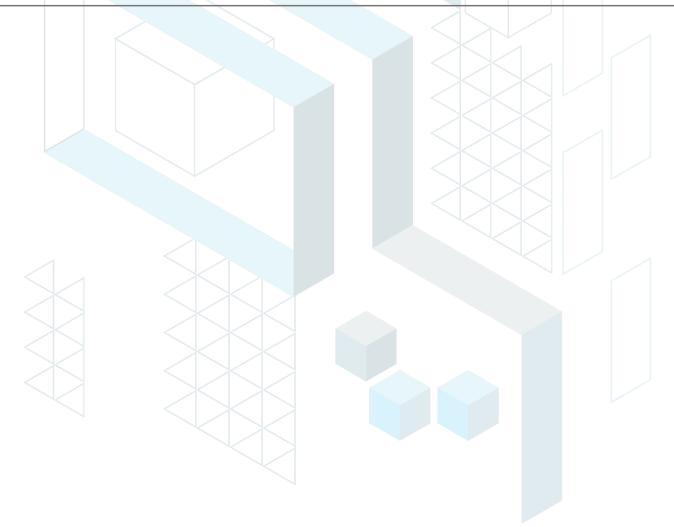
Sample ID: SA-241209-53238 Batch: NY.HGM.STR.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/09/2024 Completed: 12/12/2024 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	<loq< td=""></loq<>
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND
	1		

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



Generated By: Ryan Bellone CCO

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





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NY.HGM.STR.01

Unit Mass (g): 3.05767

Sample ID: SA-241209-53238 Batch: NY.HGM.STR.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/09/2024 Completed: 12/12/2024 Client GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990 USA

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 375 grams
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 375 grams

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 Date: 12/12/2024

Tested By: Natalia Wright Laboratory Technician Date: 12/11/2024







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NY.HGM.STR.01

Sample ID: SA-241209-53238 Batch: NY.HGM.STR.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.05767

Received: 12/09/2024 Completed: 12/12/2024 Client

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

USA

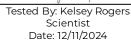
Residual Solvents by HS-GC-MS

Analyte	LOD	LOQ	Result	Analyte	LOD	LOQ	Result
Analyte	(ppm)	(ppm)	(ppm)	Analyce	(ppm)	(ppm)	(ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	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				

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: 12/12/2024





1 of 7

NY.HGM.SZB.01

Sample ID: SA-241216-53631 Batch: NY.HGM.SZB.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.21635

Received: 12/16/2024 Completed: 12/19/2024 Client

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

USA



Summary

Test Cannabinoids Heavy Metals Microbials Mycotoxins Pesticides Residual Solvents Terpenes

Date Tested 12/18/2024 12/18/2024 12/18/2024 12/18/2024 12/18/2024 12/19/2024 12/18/2024

Status Tested Tested Tested Tested Tested Tested Tested

0.302 % Total Δ9-THC 0.302 % Δ9-ΤΗС 0.618 %

Total Cannabinoids

Not Tested Moisture Content

Foreign Matter

Not Tested

Yes

Internal Standard Normalization

Cannabinoids by HPLC-PDA

Analyte	LOD	LOQ	Result	Result
Allalyte	(%)	(%)	(%)	(mg/unit)
CBC	0.00095	0.00284	0.00431	0.139
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.157	5.07
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	0.152	4.89
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-ΤΗС	0.00104	0.00312	ND	ND
Δ9-ΤΗС	0.00076	0.00227	0.302	9.70
Δ9-ΤΗCΑ	0.00084	0.00251	ND	ND
Δ9-ΤΗCV	0.00069	0.00206	0.00307	0.0987
Δ9-THCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			0.302	9.70
Total			0.618	19.9

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THC4 * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone

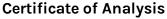
CCO Date: 12/19/2024 Tested By: Nicholas Howard Scientist Date: 12/18/2024







ISO/IEC 17025:2017 Accredited Accreditation #108651



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NY.HGM.SZB.01

Sample ID: SA-241216-53631 Batch: NY.HGM.SZB.01

Type: Finished Product - Ingestible

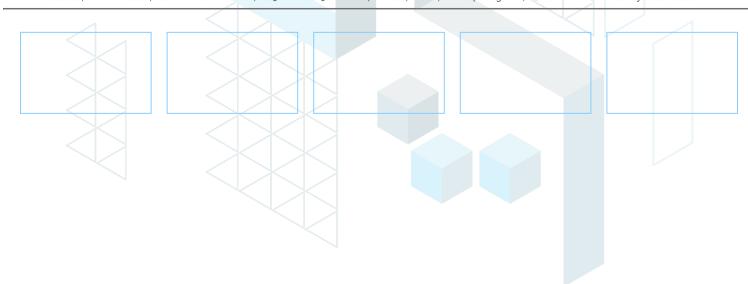
Matrix: Edible - Gummy Unit Mass (g): 3.21635 Received: 12/16/2024 Completed: 12/19/2024 Client

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
α -Cedrene	0.0002	0.001	ND	α -Phellandrene	0.0002	0.001	ND
Cedrol	0.0002	0.001	ND	α-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	α-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
α -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

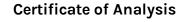
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone

CCO Date: 12/19/2024 Tested By: Jasper van Heemst Principal Scientist Date: 12/18/2024







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NY.HGM.SZB.01

Unit Mass (g): 3.21635

Sample ID: SA-241216-53631 Batch: NY.HGM.SZB.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/16/2024 Completed: 12/19/2024 **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

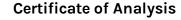
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Generated By: Ryan Bellone

CCO Date: 12/19/2024 Tested By: Chris Farman Scientist Date: 12/18/2024







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NY.HGM.SZB.01

Sample ID: SA-241216-53631 Batch: NY.HGM.SZB.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.21635 Received: 12/16/2024 Completed: 12/19/2024 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)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	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	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Permethrin	30	100	ND
Cypermethrin	30	100	ND	Phosmet	30	100	ND
Daminozide	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

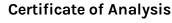
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO

Date: 12/19/2024

Tested By: Jasper van Heemst Principal Scientist Date: 12/18/2024







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NY.HGM.SZB.01

Unit Mass (g): 3.21635

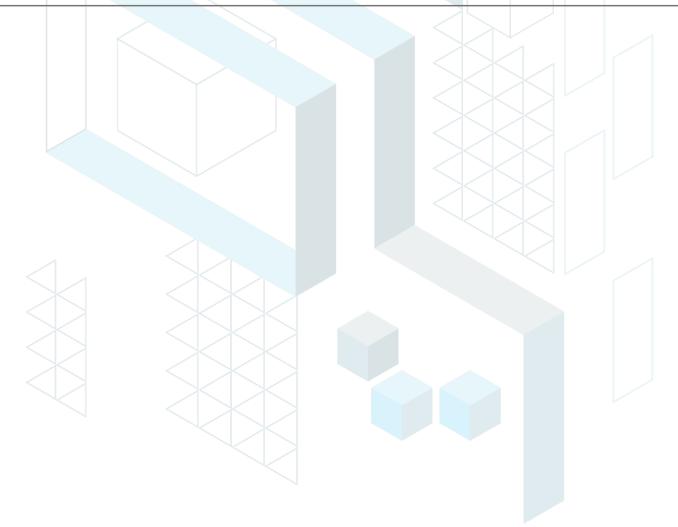
Sample ID: SA-241216-53631 Batch: NY.HGM.SZB.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/16/2024 Completed: 12/19/2024 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	<loq< td=""></loq<>
B2	1	5	ND
G1	1	5	ND
G2	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



Generated By: Ryan Bellone CCO

Date: 12/19/2024

Tested By: Jasper van Heemst Principal Scientist Date: 12/18/2024



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NY.HGM.SZB.01

Unit Mass (g): 3.21635

Sample ID: SA-241216-53631 Batch: NY.HGM.SZB.01 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Received: 12/16/2024 Completed: 12/19/2024 **Client** GTI - Core Growth 85 John Hicks Drive Warwick, NY 10990 USA

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
			Y III

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

Date: 12/19/2024

Tested By: Natalia Wright Laboratory Technician Date: 12/18/2024



_aboratory Technician
Date: 12/18/2024

Blidated testing methodologies and an ISO/IEC 170252017 accredited quality system. Value





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NY.HGM.SZB.01

Sample ID: SA-241216-53631 Batch: NY.HGM.SZB.01

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.21635 Received: 12/16/2024 Completed: 12/19/2024 Client

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	Ethylene Oxide	0.5]	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	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
I,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				

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

Red

Generated By: Ryan Bellone CCO

Date: 12/19/2024

Tosted By Kolsov Pogos

