**KCA Laboratories**
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

# Certificate of Analysis



## NY.HGM.SMP.01

Sample ID: SA-241209-53237
Batch: NY.HGM.SMP.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.80726

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

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

## Summary

| Test | Date Tested | Status |
|---|---|---|
| Cannabinoids | 12/11/2024 | Tested |
| Foreign Matter | 12/11/2024 | Tested |
| Heavy Metals | 12/11/2024 | Tested |
| Microbials | 12/11/2024 | Tested |
| Mycotoxins | 12/12/2024 | Tested |
| Pesticides | 12/12/2024 | Tested |
| Residual Solvents | 12/11/2024 | Tested |
| Terpenes | 12/12/2024 | Tested |

| 0.307 % | 0.307 % | 0.326 % | Not Tested | Not Detected | Yes |
|---|---|---|---|---|---|
| Total Δ9-THC | Δ9-THC | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |

## Cannabinoids by HPLC-PDA

| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/unit) |
|---|---|---|---|---|
| CBC | 0.00095 | 0.00284 | 0.00370 | 0.104 |
| CBCA | 0.00181 | 0.00543 | ND | ND |
| CBCV | 0.0006 | 0.0018 | ND | ND |
| CBD | 0.00081 | 0.00242 | <LOQ | <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 | 0.00595 | 0.167 |
| 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 | 0.00625 | 0.175 |
| CBNA | 0.0006 | 0.00181 | ND | ND |
| CBT | 0.0018 | 0.0054 | ND | ND |
| Δ8-THC | 0.00104 | 0.00312 | ND | ND |
| Δ9-THC | 0.00076 | 0.00227 | 0.307 | 8.62 |
| Δ9-THCA | 0.00084 | 0.00251 | ND | ND |
| Δ9-THCV | 0.00069 | 0.00206 | 0.00335 | 0.0940 |
| Δ9-THCVA | 0.00062 | 0.00186 | ND | ND |
| **Total Δ9-THC** | | | **0.307** | **8.62** |
| **Total** | | | **0.326** | **9.16** |

ND = Not Detected; NT = Not Tested; 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
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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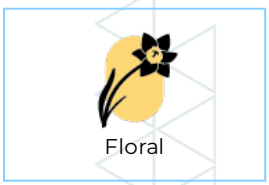
**Client**
GTI - Core Growth
85 John Hicks Drive
Warwick, NY 10990
USA

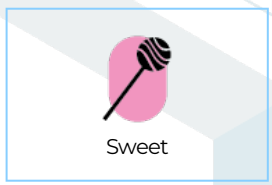
## Terpenes by GC-MS

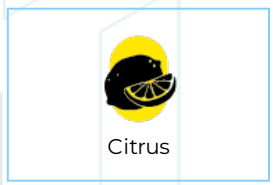
| Analyte | LOD (%) | LOQ (%) | Result (%) | Analyte | LOD (%) | LOQ (%) | Result (%) |
|---|---|---|---|---|---|---|---|
| α-Bisabolol | 0.0002 | 0.001 | ND | Limonene | 0.0002 | 0.001 | <LOQ |
| (+)-Borneol | 0.0002 | 0.001 | ND | Linalool | 0.0002 | 0.001 | 0.00295 |
| Camphene | 0.0002 | 0.001 | 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 | <LOQ |
| 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 (%)** | | | **0.00354** |

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

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Unit Mass (g): 2.80726

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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**Client**
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85 John Hicks Drive
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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 |
| 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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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 | ND |
| 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: 12/12/2024

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

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Batch: NY.HGM.SMP.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.80726

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 | 30.0 | |
| 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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Completed: 12/12/2024

**Client**
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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 | 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 | 3310 | 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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Scientist
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# Certificate of Analysis



## 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 | Date Tested | Status |
|---|---|---|
| Cannabinoids | 12/13/2024 | Tested |
| Foreign Matter | 12/11/2024 | Tested |
| Heavy Metals | 12/12/2024 | Tested |
| Microbials | 12/16/2024 | Tested |
| Mycotoxins | 12/13/2024 | Tested |
| Pesticides | 12/13/2024 | Tested |
| Residual Solvents | 12/13/2024 | Tested |
| Terpenes | 12/12/2024 | Tested |

| 0.291 % | 0.294 % | 0.599 % | Not Tested | Not Detected | Yes |
|---|---|---|---|---|---|
| Total Δ9-THC | CBG | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |

## Cannabinoids by HPLC-PDA

| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/unit) |
|---|---|---|---|---|
| CBC | 0.00095 | 0.00284 | 0.00389 | 0.128 |
| CBCA | 0.00181 | 0.00543 | ND | ND |
| CBCV | 0.0006 | 0.0018 | ND | ND |
| CBD | 0.00081 | 0.00242 | <LOQ | <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 | 0.294 | 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 | 0.0054 | ND | ND |
| Δ8-THC | 0.00104 | 0.00312 | ND | ND |
| Δ9-THC | 0.00076 | 0.00227 | 0.291 | 9.60 |
| Δ9-THCA | 0.00084 | 0.00251 | ND | ND |
| Δ9-THCV | 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; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;

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

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

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Unit Mass (g): 3.29726

Received: 12/11/2024
Completed: 12/16/2024

**Client**
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## 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: 12/16/2024

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

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Completed: 12/16/2024

**Client**
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85 John Hicks Drive
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USA

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| 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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Scientist
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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 |

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: Anthony Mattingly
Scientist
Date: 12/13/2024

**KCA Laboratories**
232 North Plaza Drive
Nicholasville, KY 40356

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https://kcalabs.com
KDA Lic.# P_0058

# Certificate of Analysis



## 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

## 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

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

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

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**Certificate of Analysis**



# 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

## 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: 12/16/2024

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

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# Certificate of Analysis



## 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

## 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 | 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: 12/16/2024

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

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Nicholasville, KY 40356

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https://kcalabs.com
KDA Lic.# P_0058

# Certificate of Analysis



## NY.HGM.WTM.01

Sample ID: SA-241211-53342
Batch: NY.HGM.WTM.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.9343

Received: 12/11/2024
Completed: 12/16/2024

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

## Summary

| Test | Date Tested | Status |
|---|---|---|
| Cannabinoids | 12/13/2024 | Tested |
| Foreign Matter | 12/11/2024 | Tested |
| Heavy Metals | 12/12/2024 | Tested |
| Microbials | 12/16/2024 | Tested |
| Mycotoxins | 12/13/2024 | Tested |
| Pesticides | 12/13/2024 | Tested |
| Residual Solvents | 12/13/2024 | Tested |
| Terpenes | 12/12/2024 | Tested |

| 0.302 % | 0.302 % | 0.322 % | Not Tested | Not Detected | Yes |
|---|---|---|---|---|---|
| Total Δ9-THC | Δ9-THC | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |

## Cannabinoids by HPLC-PDA

| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/unit) |
|---|---|---|---|---|
| CBC | 0.00095 | 0.00284 | 0.00375 | 0.110 |
| CBCA | 0.00181 | 0.00543 | ND | ND |
| CBCV | 0.0006 | 0.0018 | ND | ND |
| CBD | 0.00081 | 0.00242 | <LOQ | <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 | 0.00632 | 0.185 |
| 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 | 0.00679 | 0.199 |
| CBNA | 0.0006 | 0.00181 | ND | ND |
| CBT | 0.0018 | 0.0054 | ND | ND |
| Δ8-THC | 0.00104 | 0.00312 | ND | ND |
| Δ9-THC | 0.00076 | 0.00227 | 0.302 | 8.86 |
| Δ9-THCA | 0.00084 | 0.00251 | ND | ND |
| Δ9-THCV | 0.00069 | 0.00206 | 0.00353 | 0.104 |
| Δ9-THCVA | 0.00062 | 0.00186 | ND | ND |
| **Total Δ9-THC** | | | **0.302** | **8.86** |
| **Total** | | | **0.322** | **9.46** |

ND = Not Detected; NT = Not Tested; 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
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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# Certificate of Analysis



## NY.HGM.WTM.01

Sample ID: SA-241211-53342
Batch: NY.HGM.WTM.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.9343

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 |
| 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: 12/16/2024

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

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# Certificate of Analysis



## NY.HGM.WTM.01

Sample ID: SA-241211-53342
Batch: NY.HGM.WTM.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.9343

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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# Certificate of Analysis



## NY.HGM.WTM.01

Sample ID: SA-241211-53342
Batch: NY.HGM.WTM.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.9343

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 |

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: Anthony Mattingly
Scientist
Date: 12/13/2024

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# Certificate of Analysis



## NY.HGM.WTM.01

Sample ID: SA-241211-53342
Batch: NY.HGM.WTM.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.9343

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

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

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

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**Certificate of Analysis**



# NY.HGM.WTM.01

Sample ID: SA-241211-53342
Batch: NY.HGM.WTM.01
Type: Finished Product - Ingestible
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Unit Mass (g): 2.9343

Received: 12/11/2024
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**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: 12/16/2024

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

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# Certificate of Analysis



## NY.HGM.WTM.01

Sample ID: SA-241211-53342
Batch: NY.HGM.WTM.01
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 2.9343

Received: 12/11/2024
Completed: 12/16/2024

**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 | 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: 12/16/2024

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