

## HE0201

BioTrack Lot ID: 0215 7946 1064 4834

**Sample ID: 2503ANSCT0167-1101** Completed: 03/18/2025

Strain: TGM Expiration: 03/18/2026

Concentrates & Extracts, Vape, EMERALD KUSH  
BHO LIVE RESIN VAPE,,

Client

**CTPharma**  
Lic. # MMPR.0000002  
280 Dividend Rd  
Rocky Hill, CT 06067

Sample Size: 48 units

COC #: 2503ANSCT0167; Number of Servings: ; Amended: No; Sample Condition: Intact;



## Summary

| Test              | Date Tested | Result   |
|-------------------|-------------|----------|
| Batch             |             | Pass     |
| Cannabinoids      | 03/18/2025  | Complete |
| Terpenes          | 03/17/2025  | Complete |
| Residual Solvents | 03/13/2025  | Pass     |
| Microbials        | 03/12/2025  | Pass     |
| Mycotoxins        | 03/14/2025  | Pass     |
| Pesticides        | 03/14/2025  | Pass     |
| Heavy Metals      | 03/13/2025  | Pass     |

## Cannabinoids

Complete

|                  |                  |                           |
|------------------|------------------|---------------------------|
| <b>69.542%</b>   | <b>ND</b>        | <b>69.542%</b>            |
| Total Active THC | Total Active CBD | Total Active Cannabinoids |

| Analyte                      | LOD     | LOQ     | Result | Result  | Qualifiers |
|------------------------------|---------|---------|--------|---------|------------|
|                              | %       | %       | %      | mg/g    |            |
| THCa                         | 0.00003 | 0.00010 | 10.310 | 103.100 |            |
| Δ9-THC                       | 0.00003 | 0.00010 | 60.500 | 605.000 |            |
| Total Available THC          |         |         | 70.810 | 708.103 |            |
| Total Active THC             |         |         | 69.542 | 695.416 |            |
| Total Available CBD          |         |         | ND     | ND      |            |
| Total Active CBD             |         |         | ND     | ND      |            |
| Total Available Cannabinoids |         |         | 70.810 | 708.103 |            |
| Total Active Cannabinoids    |         |         | 69.542 | 695.416 |            |

Entered by: 5; Instrument ID: 2; Date Tested: 03/18/2025; 1 servings per container.

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = D9-THC + THCA. Total Active THC = D9-THC + (THCA0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD +(CBDA0.877). Total Active Cannabinoids = THCA0.877+ d9 THC+ d8 THC+ THCA0.867+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVA 0.867+ CBNA0.876+ CBN + CBGA0.878+ CBG + CBCA\*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.




Ryan Picard  
Lab Director  
03/18/2025

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(866) 506-5866  
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Client

**CTPharma**

Lic. # MMPR.0000002

280 Dividend Rd

Rocky Hill, CT 06067

## Terpenes

| Analyte             | CAS # | LOD     | LOQ    | Result      | Result        | Qualifiers |
|---------------------|-------|---------|--------|-------------|---------------|------------|
|                     |       | %       | %      | %           | mg/g          |            |
| β-Caryophyllene     |       | 0.00003 | 0.0005 | 2.77        | 27.725        |            |
| α-Humulene          |       | 0.00003 | 0.0005 | 1.53        | 15.284        |            |
| Limonene            |       | 0.00004 | 0.0005 | 0.78        | 7.810         |            |
| Linalool            |       | 0.00002 | 0.0005 | 0.57        | 5.710         |            |
| α-Bisabolol         |       | 0.00007 | 0.0005 | 0.50        | 5.014         |            |
| Nerolidol           |       |         | 0.0005 | 0.26        | 2.558         |            |
| Fenchol             |       | 0.00002 | 0.0005 | 0.11        | 1.094         |            |
| α-Pinene            |       | 0.00004 | 0.0005 | 0.10        | 1.023         |            |
| β-Myrcene           |       | 0.00004 | 0.0005 | 0.10        | 0.979         |            |
| Valencene           |       | 0.00002 | 0.0005 | 0.10        | 0.952         |            |
| α-Terpineol         |       | 0.00004 | 0.0005 | 0.09        | 0.895         |            |
| β-Farnesene         |       | 0.00010 | 0.0005 | 0.09        | 0.862         |            |
| 2-Piperidone        |       | 0.00003 | 0.0005 | ND          | ND            |            |
| 3-Carene            |       | 0.00003 | 0.0005 | ND          | ND            |            |
| α-Cedrene           |       | 0.00002 | 0.0004 | ND          | ND            |            |
| α-Phellandrene      |       | 0.00003 | 0.0005 | ND          | ND            |            |
| α-Terpinene         |       | 0.00002 | 0.0005 | ND          | ND            |            |
| alpha-Thujone       |       | 0.00002 | 0.0005 | ND          | ND            |            |
| β-Cedrene           |       | 0.00012 | 0.0001 | ND          | ND            |            |
| β-Pinene            |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Borneol             |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Camphene            |       | 0.00007 | 0.0005 | ND          | ND            |            |
| Camphor             |       | 0.00001 | 0.0005 | ND          | ND            |            |
| Carvacrol           |       | 0.00013 | 0.0005 | ND          | ND            |            |
| Carvone             |       | 0.00003 | 0.0005 | ND          | ND            |            |
| Caryophyllene Oxide |       | 0.00010 | 0.0005 | ND          | ND            |            |
| Cedrol              |       | 0.00003 | 0.0005 | ND          | ND            |            |
| cis-Ocimene         |       | 0.00004 | 0.0001 | ND          | ND            |            |
| <b>Total</b>        |       |         |        | <b>6.99</b> | <b>69.905</b> |            |

## Primary Aromas

|                                                                                                 |                                                                                             |                                                                                               |                                                                                                   |                                                                                                    |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <br>Cinnamon | <br>Hops | <br>Orange | <br>Lavender | <br>Chamomile |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|

Entered by: 007

Instrument ID: GCMS-1

Date Tested: 03/17/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.




Ryan Picard  
Lab Director  
03/18/2025

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[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
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BHO LIVE RESIN VAPE,,

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Rocky Hill, CT 06067

Sample Size: 48 units

COC #: 2503ANSCT0167; Number of Servings: ; Amended: No; Sample Condition: Intact;

## Terpenes

| Analyte           | CAS # | LOD     | LOQ    | Result      | Result        | Qualifiers |
|-------------------|-------|---------|--------|-------------|---------------|------------|
|                   |       | %       | %      | %           | mg/g          |            |
| Citral            |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Eucalyptol        |       | 0.00003 | 0.0005 | ND          | ND            |            |
| Fenchone          |       | 0.00002 | 0.0005 | ND          | ND            |            |
| γ-Terpinene       |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Geraniol          |       | 0.00003 | 0.0005 | ND          | ND            |            |
| Geranyl Acetate   |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Isoborneol        |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Isobornyl Acetate |       | 0.00002 | 0.0005 | ND          | ND            |            |
| m-Cymene          |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Menthone          |       | 0.00003 | 0.0005 | ND          | ND            |            |
| Nerol             |       | 0.00004 | 0.0005 | ND          | ND            |            |
| Nootkatone        |       | 0.00011 | 0.0005 | ND          | ND            |            |
| o-Cymene          |       | 0.00003 | 0.0005 | ND          | ND            |            |
| (-)-Isopulegol    |       | 0.00002 | 0.0005 | ND          | ND            |            |
| (-)-Guaiol        |       | 0.00006 | 0.0005 | ND          | ND            |            |
| Phytane           |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Piperitone        |       | 0.00003 | 0.0005 | ND          | ND            |            |
| Pulegone          |       | 0.00002 | 0.0005 | ND          | ND            |            |
| p-Cymene          |       | 0.00003 | 0.0005 | ND          | ND            |            |
| Sabinene          |       | 0.00003 | 0.0005 | ND          | ND            |            |
| Sabinene Hydrate  |       | 0.00001 | 0.0005 | ND          | ND            |            |
| Safranal          |       | 0.00001 | 0.0005 | ND          | ND            |            |
| Terpinolene       |       | 0.00002 | 0.0005 | ND          | ND            |            |
| Thymol            |       | 0.00005 | 0.0005 | ND          | ND            |            |
| trans-Ocimene     |       | 0.00005 | 0.0004 | ND          | ND            |            |
| Squalene          |       |         |        | 0.00        | 0.000         |            |
| <b>Total</b>      |       |         |        | <b>6.99</b> | <b>69.905</b> |            |

## Primary Aromas

|                                                                                                 |                                                                                             |                                                                                               |                                                                                                   |                                                                                                    |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <br>Cinnamon | <br>Hops | <br>Orange | <br>Lavender | <br>Chamomile |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|

Entered by: 007

Instrument ID: GCMS-1

Date Tested: 03/17/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.




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BHO LIVE RESIN VAPE,,

Sample Size: 48 units

COC #: 2503ANSCT0167; Number of Servings: ; Amended: No; Sample Condition: Intact;

Client

CTPharma

Lic. # MPR.0000002

280 Dividend Rd

Rocky Hill, CT 06067

## Pesticides

Pass

| Analyte             | LOD    | LOQ | Limit    | Result | Status | Analyte                 | LOD    | LOQ | Limit   | Result | Status |
|---------------------|--------|-----|----------|--------|--------|-------------------------|--------|-----|---------|--------|--------|
|                     | PPB    | PPB | PPB      | PPB    |        |                         | PPB    | PPB | PPB     | PPB    |        |
| Abamectin           | 0.0270 | 5.0 | 100.00   | ND     | Pass   | Fludioxonil             | 0.0220 | 5.0 | 100.00  | ND     | Pass   |
| Acephate            | 0.0130 | 5.0 | 100.00   | ND     | Pass   | Hexythiazox             | 0.0150 | 5.0 | 100.00  | ND     | Pass   |
| Acequinocyl         | 0.0100 | 5.0 | 100.00   | ND     | Pass   | Imazalil                | 0.0120 | 5.0 | 100.00  | ND     | Pass   |
| Acetamiprid         | 0.0110 | 5.0 | 100.00   | ND     | Pass   | Imidacloprid            | 0.0110 | 5.0 | 5000.00 | ND     | Pass   |
| Aldicarb            | 0.0130 | 5.0 | 100.00   | ND     | Pass   | Kresoxim Methyl         | 0.0150 | 5.0 | 100.00  | ND     | Pass   |
| Azoxystrobin        | 0.0210 | 5.0 | 100.00   | ND     | Pass   | Malathion               | 0.0180 | 5.0 | 500.00  | ND     | Pass   |
| Bifenazate          | 0.0270 | 5.0 | 100.00   | ND     | Pass   | Metalaxyl               | 0.0160 | 5.0 | 2000.00 | ND     | Pass   |
| Bifenthrin          | 0.0280 | 5.0 | 3000.00  | ND     | Pass   | Methiocarb              | 0.0180 | 5.0 | 100.00  | ND     | Pass   |
| Boscalid            | 0.0110 | 5.0 | 100.00   | ND     | Pass   | Methomyl                | 0.0110 | 5.0 | 1000.00 | ND     | Pass   |
| Captan              | 0.0900 | 5.0 | 700.00   | ND     | Pass   | Methyl Parathion        | 0.0080 | 5.0 | 100.00  | ND     | Pass   |
| Carbaryl            | 0.0110 | 5.0 | 500.00   | ND     | Pass   | Mevinphos               | 0.0080 | 5.0 | 100.00  | ND     | Pass   |
| Carbofuran          | 0.0130 | 5.0 | 100.00   | ND     | Pass   | Myclobutanil            | 0.0170 | 5.0 | 100.00  | ND     | Pass   |
| Chlorantraniliprole | 0.0120 | 5.0 | 10000.00 | ND     | Pass   | Naled                   | 0.0110 | 5.0 | 100.00  | ND     | Pass   |
| Chlordane           | 0.0320 | 5.0 | 100.00   | ND     | Pass   | Oxamyl                  | 0.0110 | 5.0 | 500.00  | ND     | Pass   |
| Chlorfenapyr        | 0.0280 | 5.0 | 100.00   | ND     | Pass   | Paclobutrazol           | 0.0190 | 5.0 | 100.00  | ND     | Pass   |
| Chlorpyrifos        | 0.0270 | 5.0 | 100.00   | ND     | Pass   | Pentachloronitrobenzene | 0.0160 | 5.0 | 100.00  | ND     | Pass   |
| Clofentezine        | 0.0120 | 5.0 | 100.00   | ND     | Pass   | Permethrin              | 0.0230 | 5.0 | 500.00  | ND     | Pass   |
| Coumaphos           | 0.0090 | 5.0 | 100.00   | ND     | Pass   | Phosmet                 | 0.0100 | 5.0 | 100.00  | ND     | Pass   |
| Cyfluthrin          | 0.0170 | 5.0 | 2000.00  | ND     | Pass   | Piperonyl Butoxide      | 0.0200 | 5.0 | 3000.00 | ND     | Pass   |
| Cypermethrin        | 0.0230 | 5.0 | 1000.00  | ND     | Pass   | Prallethrin             | 0.0150 | 5.0 | 100.00  | ND     | Pass   |
| Daminozide          | 0.0100 | 5.0 | 100.00   | ND     | Pass   | Propiconazole           | 0.0100 | 5.0 | 100.00  | ND     | Pass   |
| DDVP                | 0.0120 | 5.0 | 100.00   | ND     | Pass   | Pyrethrins              | 0.0100 | 5.0 | 500.00  | ND     | Pass   |
| Diazinon            | 0.0050 | 5.0 | 100.00   | ND     | Pass   | Pyridaben               | 0.0240 | 5.0 | 100.00  | ND     | Pass   |
| Dimethoate          | 0.0090 | 5.0 | 100.00   | ND     | Pass   | Spinetoram              | 0.0190 | 5.0 | 100.00  | ND     | Pass   |
| Dimethomorph        | 0.0140 | 5.0 | 2000.00  | ND     | Pass   | Spinosad                | 0.0150 | 5.0 | 100.00  | ND     | Pass   |
| Ethoprophos         | 0.0160 | 5.0 | 100.00   | ND     | Pass   | Spiromesifen            | 0.0190 | 5.0 | 100.00  | ND     | Pass   |
| Etofenprox          | 0.0270 | 5.0 | 100.00   | ND     | Pass   | Spirotetramat           | 0.0130 | 5.0 | 100.00  | ND     | Pass   |
| Etoxazole           | 0.0200 | 5.0 | 100.00   | ND     | Pass   | Spiroxamine             | 0.0110 | 5.0 | 100.00  | ND     | Pass   |
| Fenhexamid          | 0.0250 | 5.0 | 100.00   | ND     | Pass   | Tebuconazole            | 0.0230 | 5.0 | 100.00  | ND     | Pass   |
| Fenoxycarb          | 0.0160 | 5.0 | 100.00   | ND     | Pass   | Thiacloprid             | 0.0120 | 5.0 | 100.00  | ND     | Pass   |
| Fenpyroximate       | 0.0290 | 5.0 | 100.00   | ND     | Pass   | Thiamethoxam            | 0.0080 | 5.0 | 5000.00 | ND     | Pass   |
| Fipronil            | 0.0190 | 5.0 | 100.00   | ND     | Pass   | Trifloxystrobin         | 0.0230 | 5.0 | 100.00  | ND     | Pass   |
| Flonicamid          | 0.0130 | 5.0 | 100.00   | ND     | Pass   |                         |        |     |         |        |        |

Entered by: 11

Instrument ID 1: LCMS-1

Instrument ID 2: 0

Date Tested (LC): 03/14/2025

Date Tested (GC):

LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008



*Ryan Picard*

Ryan Picard  
Lab Director  
03/18/2025

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(866) 506-5866  
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BHO LIVE RESIN VAPE,,

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COC #: 2503ANSCT0167; Number of Servings: ; Amended: No; Sample Condition: Intact;

Client

**CTPharma**

Lic. # MMPR.0000002

280 Dividend Rd

Rocky Hill, CT 06067

## Microbials

Pass

| Analyte                       | Limit              | Results      | Qualifiers | Status |
|-------------------------------|--------------------|--------------|------------|--------|
|                               | CFU/g              | CFU/g        |            |        |
| Total Viable Aerobic Bacteria | 100000             | <100         |            | Pass   |
| Total Yeast & Mold            | 100000             | <100         |            | Pass   |
| E. coli                       | Not Detected in 1g | Not Detected |            | Pass   |
| Listeria monocytogenes        | Not Detected in 1g | Not Detected |            | Pass   |
| Salmonella                    | Not Detected in 1g | Not Detected |            | Pass   |
| Shiga Toxin E. Coli           | Not Detected in 1g | Not Detected |            | Pass   |
| Aspergillus flavus            | Not Detected in 1g | Not Detected |            | Pass   |
| Aspergillus fumigatus         | Not Detected in 1g | Not Detected |            | Pass   |
| Aspergillus niger             | Not Detected in 1g | Not Detected |            | Pass   |
| Aspergillus terreus           | Not Detected in 1g | Not Detected |            | Pass   |

Entered by: 010

Instrument ID: PCR-1

Date Tested: 03/12/2025

Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms, and total yeast & mold are analyzed by SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed by SOP-019. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

## Mycotoxins

Pass

| Analyte      | LOD   | LOQ   | Limit | Results | Qualifiers | Status |
|--------------|-------|-------|-------|---------|------------|--------|
|              | ug/kg | ug/kg | ug/kg | ug/kg   |            |        |
| B1           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| B2           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| G1           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| G2           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| Ochratoxin A | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |

Entered by: 11

Instrument ID: LCMS-1

Date Tested: 03/12/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-013.

## Heavy Metals

Pass

| Analyte  | LOD   | LOQ   | Limit   | Results | Qualifiers | Status |
|----------|-------|-------|---------|---------|------------|--------|
|          | ug/kg | ug/kg | ug/kg   | ug/kg   |            |        |
| Arsenic  | 0.236 | 0.500 | 200.000 | ND      |            | Pass   |
| Cadmium  | 0.115 | 0.500 | 200.000 | ND      |            | Pass   |
| Chromium | 0.216 | 1.000 | 600.000 | ND      |            | Pass   |
| Lead     | 0.088 | 1.000 | 500.000 | ND      |            | Pass   |
| Mercury  | 0.188 | 0.250 | 100.000 | ND      |            | Pass   |

Entered by: 3

Instrument ID: ICPMS-1

Date Tested: 03/12/2025

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005




Ryan Picard  
Lab Director  
03/18/2025

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Client

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 Rocky Hill, CT 06067

Sample Size: 48 units

COC #: 2503ANSCT0167; Number of Servings: ; Amended: No; Sample Condition: Intact;

## Residual Solvents

Pass

| Analyte                 | LOQ     | Limit    | Results | Status | Qualifiers |
|-------------------------|---------|----------|---------|--------|------------|
|                         | PPM     | PPM      | PPM     |        |            |
| Acetone                 | 100.000 | 1000.000 | ND      | Pass   |            |
| Ethanol                 | 100.000 | 1000.000 | ND      | Pass   |            |
| Ethyl-Acetate           | 100.000 | 1000.000 | ND      | Pass   |            |
| Ethyl-Ether             | 100.000 | 1000.000 | ND      | Pass   |            |
| Ethyl-Formate           | 100.000 | 1000.000 | ND      | Pass   |            |
| Heptane                 | 100.000 | 1000.000 | ND      | Pass   |            |
| Isobutane               | 100.000 | 1000.000 | ND      | Pass   |            |
| Isobutyl-Acetate        | 100.000 | 1000.000 | ND      | Pass   |            |
| Isopropyl-Acetate       | 100.000 | 1000.000 | ND      | Pass   |            |
| n-Butane                | 100.000 | 1000.000 | ND      | Pass   |            |
| n-Pentane               | 100.000 | 1000.000 | ND      | Pass   |            |
| Propane                 | 100.000 | 1000.000 | ND      | Pass   |            |
| Tert-Butyl-Methyl-Ether | 100.000 | 1000.000 | ND      | Pass   |            |

Entered by: 007

Instrument ID: GC-1

Date Tested: 03/13/2025

LOQ = Limit of Quantitation. Residual Solvents analyzed by SOP-011




Ryan Picard  
 Lab Director  
 03/18/2025

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The sampling was performed by Analytics Labs CT LLC, in accordance with established sampling protocols. Samples were received intact and underwent testing following all appropriate chain of custody and sample control protocols. All pass limits are as specified in the most recent version of Chapter 420f Sec. 21a 408-414, Chapter 420h Sec. 21a 420-429 and 21a 421j-(1-40). This product has been tested by Analytics Labs using internally validated testing methodologies and a quality management system. Uncertainty and test condition information is available upon request. Decision Rule (measurement of uncertainty) is not used to determine Pass/Fail. Analytics Labs makes no claim as to the efficacy, safety, or other risk associated with any detected, or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced, except in full, without the written consent of Analytics Labs CT.

## HE0201

BioTrack Lot ID: 0215 7946 1064 4834

**Sample ID: 2503ANSCT0167-1101** Completed: 03/18/2025

Strain: TGM Expiration: 03/18/2026

Concentrates & Extracts, Vape, EMERALD KUSH  
BHO LIVE RESIN VAPE,,,

Sample Size: 48 units

COC #: 2503ANSCT0167; Number of Servings: ; Amended: No; Sample Condition: Intact;

Client

**CTPharma**  
Lic. # MMPR.0000002  
280 Dividend Rd  
Rocky Hill, CT 06067

## Ingredient Testing

| Analyte                    | Results      | Status |
|----------------------------|--------------|--------|
| Vitamin E Acetate          | Not Detected | Pass   |
| Medium Chain Triglycerides | Not Detected | Pass   |
| Polyethylene Glycol        | Not Detected | Pass   |
| Squalane                   | Not Detected | Pass   |
| Squalene                   | Not Detected | Pass   |




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03/18/2025

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